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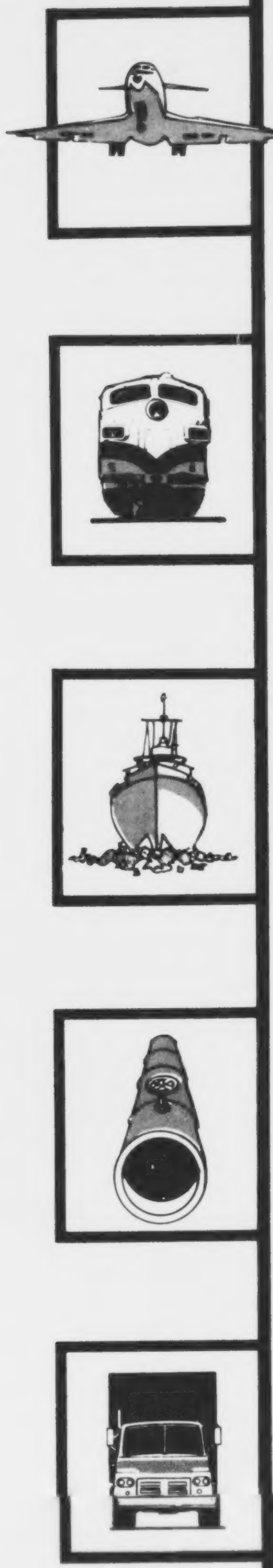

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

AIRCRAFT ACCIDENT REPORTS

BRIEF FORMAT
U.S. CIVIL AVIATION
ISSUE NUMBER 4 OF 1979 ACCIDENTS

NTSB-BA-80-1

UNITED STATES GOVERNMENT

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16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 300 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident

An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury

Any injury which results in death within 7 days of the accident.

Serious Injury

Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
: Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
: Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
: Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
: Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

EXPLANATORY NOTES

KIND OF FLYING

2. Noncommerical Flying
   Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

   Pleasure
   : Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

   Business
   : The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

   Corporate/Executive Operations
   : The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
   Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
   Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 - 2,250 kilograms	(0 - 4,960 pounds)
2,251 - 5,700 kilograms	(4,961 - 12,565 pounds)
5,701 - 27,000 kilograms	(12,566 - 59,525 pounds)
27,001 - 272,000 kilograms	(59,526 - 599,650 pounds)
272,001 - kilograms and greater	(599,651 pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	CTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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BRIEFS OF ACCIDENTS

INITIAL RELEASE

PREVIOUS YEAR(S)

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1344	5/18/78 TIME - 1210	MEMPHIS,TN	SUD AVTN DA-20 N121GW DAMAGE-DESTROYED	CR- 4 0 0 PX- 0 0 0 OT- 2 0 0	INSTRUCTIONAL TRAINING	AIRLINE TRANSPORT, AGE 31, 3647 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MEMPHIS INTL
DEPARTURE POINT — MEMPHIS,TN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION — LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
- PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
- PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT
- PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT
- PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF OTHER TRAFFIC

SPECIAL DATA
- SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
- CONTROLLING AGENCY - APPROACH CONTROL LANDING
- TRAFFIC ADVISORY ISSUED - NONE
- CONTROL ZONE/AREA - YES
- ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN
- RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT
- CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT
- EVASIVE ACTION TAKEN - NO

FIRE AFTER IMPACT
REMARKS- CONTROLLER OF FALCON ASSUMED COORDINATION HAD BEEN ACCOMPLISHED BETWEEN LOCAL CONTROLLERS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1344	5/18/78 TIME - 1210	MEMPHIS,TN	CESSNA 150M N6423K DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0 OT- 4 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 30, 1615 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MEMPHIS INTL
DEPARTURE POINT — MEMPHIS,TN
INTENDED DESTINATION — RETURN
LAST ENROUTE STOP — WEST MEMPHIS,TN
TYPE OF ACCIDENT — COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION — IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
- PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
- PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT
- PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT
- PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF OTHER TRAFFIC

SPECIAL DATA
- SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
- CONTROLLING AGENCY - TOWER
- TRAFFIC ADVISORY ISSUED - NONE
- CONTROL ZONE/AREA - YES
- ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN
- RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT
- CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT
- EVASIVE ACTION TAKEN - NO

REMARKS- CONTROLLER OF CESSNA NOT AWARE THAT FALCON WAS BEING VECTORED TO TRAVERSE HIS AIRSPACE.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3992	6/29/78 TIME - 1400	NR.GRIFFITH,IN	PIPER PA-28 N6142W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 250 TOTAL HOURS, 160 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GRIFFITH
DEPARTURE POINT: GRIFFITH,IN — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- 1/8IN SILT IN FUEL STRAINER & CARB BOWL.8HRS SINCE ANNUAL.HIT DIRT MOUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4006	10/26/78 TIME - 1650	TUCUMCARI,NM	SCORPION 133 N81950 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 29, 263 TOTAL HOURS, 56 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TUCUMCARI MUNI
DEPARTURE POINT: TUCUMCARI,NM — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ROLL OVER
PHASE OF OPERATION
TAXI GROUND TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4163	10/29/78 TIME - 1735	ALBUQUERQUE,NM	BELL 47G3B2 N83029 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 36, 2030 TOTAL HOURS, 41 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CORONADO
DEPARTURE POINT: SOCORRO,NM — INTENDED DESTINATION: ALBUQUERQUE,NM
TYPE OF ACCIDENT
ROLL OVER
PHASE OF OPERATION
TAXI AERIAL TAXI TO/FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
REMARKS- PEAK WIND GUST 15 KTS.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                                PILOT DATA
                                                                F  S M/N     PURPOSE

3-4405  2/5/78   NR.WRANGELL,AK         CESSNA 320D          CR-  0  1  0  NONCOMMERCIAL               PRIVATE, AGE 34, UNK/NR
        TIME - 1901                     N234M                PX-  5  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, UNK/NR IN
                                        DAMAGE-DESTROYED                                                TYPE, NOT INSTRUMENT
                                                                                                        RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          YAKUTAT,AK                   KETCHIKAN,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              LANDING  INITIAL APPROACH
          COLLIDED WITH  TREES                                       LANDING  INITIAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
          PILOT IN COMMAND - IMPROPER IFR OPERATION
          PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
          INSTRUMENTS/EQUIPMENT AND ACCESSORIES - FLIGHT AND NAVIGATION INSTRUMENTS  FLUXGATE COMPASS
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- FLUXGATE & COUPLING TO AUTOPILOT INOP.


3-4410  11/3/78    DUTCH HARBOR,AK      LEAR JET 24D         CR-  0  0  2  COMMERCIAL                  AIRLINE TRANSPORT, AGE
        TIME - 1000                     N455JA               PX-  0  0  0  AIR TAXI-PASSG              28, 5874 TOTAL HOURS, 609
                                        DAMAGE-SUBSTANTIAL                                              IN TYPE, INSTRUMENT
                                                                                                        RATED.
        NAME OF AIRPORT - DUTCH HARBOR
        DEPARTURE POINT              INTENDED DESTINATION
          ANCHORAGE,AK                 DUTCH HARBOR,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          OVERSHOOT                                                  LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  OBJECT                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          OVERCAST                                                   2500
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       SNOW, RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    RELATIVE BEARING OF WIND
          NONE                                                       RIGHT CROSS WIND 068-112 DEGREES
        TEMPERATURE-F                                              WIND DIRECTION-DEGREES
          42                                                         230
        WIND VELOCITY-KNOTS                                        TYPE OF WEATHER CONDITIONS
          14                                                         VFR
        TYPE OF FLIGHT PLAN
          IFR
        REMARKS- COLLIDED WITH RNWY BOUNDARY MARKER.GUSTS TO 36KTS.
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BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION          AIRCRAFT DATA       INJURIES      FLIGHT                              PILOT DATA
                                                            F  S M/N     PURPOSE

3-4413 11/25/78 NR.HYDABURG,AK        DEHAVILLAND DHC-2  CR-  1  0  0  COMMERCIAL                  COMMERCIAL, AGE 36, 2632
       TIME - 1555                     N37906             PX-  4  0  0  AIR TAXI-PASSG              TOTAL HOURS, 990 IN TYPE,
                                       DAMAGE-DESTROYED                                             INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         KETCHIKAN,AK                 HYDABURG,AK
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - RAIN
         WEATHER - FOG
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                          CEILING AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                   UNKNOWN/NOT REPORTED
       VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                   RAIN
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                TYPE OF WEATHER CONDITIONS
         FOG                                                    IFR
       TYPE OF FLIGHT PLAN
         OTHER
       FIRE AFTER IMPACT
       REMARKS- FLOAT EQUIPPED.COMPANY FLT PLAN.WITNESS STATED CEILING LOW & CLOSING DOWN IN AREA.


3-4415 12/28/78 NR.OKLAHOMA CITY,OK   AERO COMDR 680     CR-  0  1  0  MISCELLANEOUS               PRIVATE, AGE 49, 2155
       TIME - 1745                     N6818S             PX-  1  0  0  FERRY                       TOTAL HOURS, 400 IN TYPE,
                                       DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - CLARENCE E PAGE
       DEPARTURE POINT              INTENDED DESTINATION
        OKLAHOMA CITY,OK              EL RENO,OK
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  CLIMB TO CRUISE
         STALL  MUSH                                            LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  MASTER AND CONNECTING RODS
         MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
         PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
         PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
       FACTOR(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- CONROD FAILED L ENG.PLT AWARE OF 800-1000RPM MAG DROP R ENG.FLAPS,GR DOWN.ACFT UNAIRWORTHY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4417	10/4/78 TIME - 1818	LITTLETON,CO	GRUM AMER AA5 N6071L DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 71 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STAPLETON INTL
DEPARTURE POINT — INTENDED DESTINATION
LITTLETON,CO — ARAPAHOE CO ARPT,CO
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
FACTOR(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL
MISCELLANEOUS - SMOKE IN COCKPIT
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- #3 CYL FATIGUE,METAL FOLDS BETWEEN BARREL FINS.TRIED TO REACH ARAPAHOE.11MI S OF STAPLETON.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4463	12/16/78 TIME - 1451	NR.DANVILLE,IL	CESSNA 150 N10739 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 33, 36 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - VERMILION COUNTY
DEPARTURE POINT — INTENDED DESTINATION
GLENDALE,IL — DANVILLE,IL
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
TYPE OF FLIGHT PLAN
NONE

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4464	11/4/78 TIME - 1316	NHENDERSON,IL	STARDUSTER TOO N762RD DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 27, 415 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ORWIG RLA
DEPARTURE POINT — INTENDED DESTINATION
NHENDERSON,IL — GALESBURG,IL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT CLIMB TO CRUISE
STALL SPIN — IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - IGNITION SYSTEM MAGNETOS
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
FIRE AFTER IMPACT
REMARKS- STICKY SYRUP-LIKE SUBSTANCE FOUND IN BENDIX MAG S6LN-21,S/N277590.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4465	12/7/78 TIME - 1341	WEST CHICAGO,IL	PIPER PA-32 N4175R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 22, 476 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DUPAGE
DEPARTURE POINT — INTENDED DESTINATION
WEST CHICAGO,IL — OTTAWA,IL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH SNOWBANK — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
MISCELLANEOUS ACTS,CONDITIONS - ICE-WINDSHIELD
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION — CEILING AT ACCIDENT SITE
OVERCAST — 500
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
3 MILES OR LESS — FREEZING RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — RELATIVE BEARING OF WIND
FOG — LEFT CROSS WIND 248-292 DEGREES
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
IFR — SPECIAL VFR
REMARKS- RUNWAY LIGHTS WERE COVERED WITH SNOW. A NONSTANDARD APPROACH LIGHT SYSTEM WAS OPERATING.

U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 4
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	48	32	35	187			302
COPILOT	3			5			8
DUAL STUDENT	1	5	3	18			27
CHECK PILOT		1		1			2
FLIGHT ENGINEER			1	1			2
NAVIGATOR							
CABIN ATTENDANT							
EXTRA CREW		1		2			3
PASSENGERS	35	21	34	122			212
TOTAL	87	60	73	336		ABOARD	556
OTHER AIRCRAFT							
OTHER GROUND	1	1		1			3
GRAND TOTAL	88	61	73	337			559

INVOLVES 300 TOTAL ACCIDENTS
INVOLVES 53 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 4
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 300 TOTAL ACCIDENTS

INVOLVES 53 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT				1		1	1		1
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1	1	2	1		1	2	1	3
BECAME LOST/DISORIENTED		1	1	3	1	4	3	2	5
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	6		6	1		1	7		7
DELAYED ACTION IN ABORTING TAKEOFF				5		5	5		5
DELAYED IN INITIATING GO-AROUND	1	1	2	13		13	14	1	15
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	2	2	4	3		3	5	2	7
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	1		1				1		1
FAILED TO EXTEND LANDING GEAR				1		1	1		1
FAILED TO RETRACT LANDING GEAR				1		1	1		1
FAILED TO SEE AND AVOID OTHER AIRCRAFT	2		2				2		2
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	3		3	11		11	14		14
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	11		11	19		19	30		30
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	2		2	1		1	3		3
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				2		2	2		2
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC				1		1	1		1
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				6	2	8	6	2	8
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				10		10	10		10
IMPROPER OPERATION OF FLIGHT CONTROLS				3		3	3		3
PREMATURE LIFT OFF				2		2	2		2
IMPROPER LEVEL OFF				15		15	15		15
IMPROPER IFR OPERATION	3		3	1		1	4		4
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	1		1	10	1	11	11	1	12
IMPROPER COMPENSATION FOR WIND CONDITIONS				7	1	8	7	1	8
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	4		4	23	3	26	27	3	30
INADEQUATE SUPERVISION OF FLIGHT	1	1	2	11		11	12	1	13
LACK OF FAMILIARITY WITH AIRCRAFT		1	1		4	4		5	5
MISMANAGEMENT OF FUEL	1		1	17		17	18		18
EXERCISED POOR JUDGMENT	2	1	3				2	1	3
SELECTED UNSUITABLE TERRAIN				18	1	19	18	1	1[illegible]
IMPROPER STARTING PROCEDURES				2		2	2		2
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				1		1	1		1
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	1		1	1		1	2		2
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	1		1				1		1
MISJUDGED DISTANCE AND SPEED				12	2	14	12	2	14
MISJUDGED DISTANCE AND ALTITUDE	1		1	10		10	11		11
MISJUDGED SPEED AND ALTITUDE	1		1	1		1	2		2
MISJUDGED ALTITUDE AND CLEARANCE	2		2	4		4	6		6
MISJUDGED ALTITUDE	1		1	3		3	4		4
MISJUDGED CLEARANCE	3		3	4		4	7		7
IMPROPER RECOVERY FROM BOUNCED LANDING				12	1	13	12	1	13
PHYSICAL IMPAIRMENT	2	1	3				2	1	3
SPATIAL DISORIENTATION	4		4	1		1	5		5
MISUSED OR FAILED TO USE FLAPS		1	1	3	1	4	3	2	5
FAILED TO MAINTAIN DIRECTIONAL CONTROL	1		1	13		13	14		14
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND		1	1	2	1	3	2	2	4
FAILED TO ABORT TAKEOFF	2		2	3	2	5	5	2	7
FAILED TO INITIATE GO-AROUND				11		11	11		11
DIRECT ENTRIES	1		1	1		1	2		2
SUBTOTAL	61	11	72	271	20	291	332	31	363
DUAL STUDENT									
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	1		1	3		3	4		4
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS				1		1	1		1
IMPROPER LEVEL OFF				2		2	2		2
IMPROPER COMPENSATION FOR WIND CONDITIONS				2		2	2		2
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				1		1	1		1

CAUSE/FACTOR TABLE

IMPROPER RECOVERY FROM BOUNCED LANDING (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
SUBTOTAL	1		1	11		11	12		12
CHECK PILOT									
INADEQUATE SUPERVISION OF FLIGHT				1		1	1		1
SUBTOTAL				1		1	1		1
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL					1	1		1	1
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				1		1	1		1
INADEQUATE MAINTENANCE AND INSPECTION				6		6	6		6
OTHER				1		1	1		1
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE FLIGHT TRAINING-PROCEDURES		1	1					1	1
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
POOR/INADEQUATE DESIGN					1	1		1	1
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	3		3				3		3
PASSENGER	1		1				1		1
DRIVER OF VEHICLE				1		1	1		1
OTHER				1		1	1		1
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	4	1	5	10	2	12	14	3	17
** AIRFRAME **									
WINGS									
FUSELAGE									
LANDING GEAR									
NORMAL RETRACTION/EXTENSION ASSEMBLY				5		5	5		5
EMERGENCY/EXTENSION ASSEMBLY				2		2	2		2
FLOAT ASSEMBLIES				1		1	1		1
BRAKING SYSTEM (NORMAL)					1	1		1	1
FLIGHT CONTROL SURFACES									
SUBTOTAL				8	1	9	8	1	9
** POWERPLANT **									
ENGINE STRUCTURE									
CYLINDER ASSEMBLY				2		2	2		2
VALVE ASSEMBLIES				1		1	1		1
OTHER				1		1	1		1
IGNITION SYSTEM									
MAGNETOES				2		2	2		2
SPARK PLUG				2		2	2		2
FUEL SYSTEM									
LINES AND FITTINGS				1		1	1		1
FILTERS, STRAINERS, SCREENS				1		1	1		1
PUMPS				1		1	1		1
LUBRICATING SYSTEM									
LINES, HOSES, FITTINGS				1		1	1		1
OIL COOLERS				1		1	1		1
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
BLADES				1		1	1		1
OTHER				1		1	1		1
EXHAUST SYSTEM									
ENGINE ACCESSORIES									
OTHER				1		1	1		1
ENGINE CONTROLS									
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					1	1		1	1

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	2		2	13		13	15		15
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	2		2	29	1	30	31	1	32
** SYSTEMS **									
ELECTRICAL SYSTEM									
HYDRAULIC SYSTEM									
FLIGHT CONTROL SYSTEMS									
ANTI-ICING, DE-ICING SYSTEMS									
CARBURETOR DE-ICING SYSTEM				1		1	1		1
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL				1		1	1		1
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
MISCELLANEOUS EQUIPMENT									
SPRAY, DUSTING EQUIPMENT				1		1	1		1
SUBTOTAL				1		1	1		1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
TRANSMISSION ROTOR DRIVE SYSTEM									
MAIN ROTOR PULLEYS, BELTS				1		1	1		1
TAIL ROTOR DRIVE SHAFT ASSEMBLY				1		1	1		1
SPRAG SYSTEM				1		1	1		1
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL				3		3	3		3
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
WET RUNWAY					2	2		2	2
ICE/SLUSH ON RUNWAY		1	1					1	1
SNOW ON RUNWAY		1	1		2	2		3	3
UNMARKED OBSTRUCTIONS					2	2		2	2
SOFT SHOULDERS (RUNWAY)					2	2		2	2
ROUGH WATER					1	1		1	1
HIDDEN HAZARD					2	2		2	2
POORLY MAINTAINED RUNWAY SURFACE					2	2		2	2
SOFT RUNWAY					2	2		2	2
OTHER					5	5		5	5

AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
AIRWAYS FACILITIES									
SUBTOTAL		2	2		20	20		22	22
** WEATHER **									
LOW CEILING		9	9		3	3		12	12
RAIN		1	1		1	1		2	2
FOG		4	4		2	2		6	6
SNOW		2	2		1	1		3	3
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC					1	1		1	1
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING					4	4		4	4
UNFAVORABLE WIND CONDITIONS		3	3		25	25		28	28
WIND SHEAR					1	1		1	1
SUDDEN WINDSHIFT				2	2	4	2	2	4
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS		1	1		2	2		3	3
DOWNDRAFTS, UPDRAFTS					7	7		7	7
SQUALL LINE		1	1		1	1		2	2
HIGH DENSITY ALTITUDE					8	8		8	8
THUNDERSTORM ACTIVITY		2	2		3	3		5	5
SUBTOTAL		23	23	2	61	63	2	86	86
** TERRAIN **									
WET, SOFT GROUND				2	18	20	2	18	20
SNOW-COVERED				1	4	5	1	4	5
HIGH VEGETATION					3	3		3	3
HIDDEN OBSTRUCTIONS					1	1		1	1
ROUGH/UNEVEN				2	12	14	2	12	14
HIGH OBSTRUCTIONS		5	5	1	12	13	1	17	18
SANDY				1		1	1		1
OTHER					2	2		2	2
SUBTOTAL		5	5	7	52	59	7	57	64
** MISCELLANEOUS **									
SMOKE IN COCKPIT				1		1	1		1
UNDETERMINED	4		4	3		3	7		7
ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP				3	1	4	3	1	4
EVASIVE MANEUVER TO AVOID COLLISION				2		2	2		2
UNQUALIFIED PERSON OPERATED AIRCRAFT				1		1	1		1
DIRECT ENTRIES	1		1	1		1	2		2
SUBTOTAL	5		5	11	1	12	16	1	17
GRAND TOTAL	73	42	115	355	158	513	428	200	628
** MISCELLANEOUS ACTS, CONDITIONS **									
FIRE OF UNDETERMINED ORIGIN					1	1		1	1
PREVIOUS DAMAGE					1	1		1	1
LEAK/LEAKAGE				1		1	1		1
DOWNWIND		1	1		2	2		3	3
CARBON DEPOSITS				1		1	1		1
LOOSE, PART/FITTING				2		2	2		2
BURST				1		1	1		1
CHAFFED				1		1	1		1
DISCONNECTED				1		1	1		1
ERRATIC					1	1		1	1
IMPROPERLY INSTALLED				2		2	2		2
JAMMED				1		1	1		1
OBSTRUCTED				1		1	1		1
LOAD NOT JETTISONED					1	1		1	1
INTENTIONAL GROUND-WATER LOOP-SWERVE					1	1		1	1
INTENTIONAL WHEELS UP				2	1	3	2	1	3
RAN OFF END OF RUNWAY					4	4		4	4
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				3		3	3		3
CHECKLIST-FAILED TO USE					1	1		1	1
CREW COORDINATION-POOR					1	1		1	1
DISREGARD OF GOOD OPERATING PRACTICE	1		1				1		1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				2	1	3	2	1	3
UNWARRANTED LOW FLYING	3	4	7				3	4	7
FAILED TO EXTEND THE LANDING FLAPS	1		1		1	1	1	1	2
FAILED TO USE ALL AVAILABLE RUNWAY		1	1					1	1

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
INATTENTIVE TO FUEL SUPPLY				4	1	5	4	1	5
FLEW INTO BLIND CANYON				1		1	1		1
POORLY PLANNED APPROACH		1	1					1	1
MISCALCULATED FUEL CONSUMPTION				2		2	2		2
JETTISONED LOAD					1	1		1	1
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT		1	1		2	2		3	3
IMPROPERLY SECURED				2		2	2		2
FATIGUE FRACTURE				2		2	2		2
FUEL GRADE-IMPROPER	1		1				1		1
HYDRAULIC FAILURE				1		1	1		1
IMPROPER ALIGNMENT/ADJUSTMENT				1		1	1		1
SEPARATION IN FLIGHT		1	1					1	1
FIRE IN ENGINE					1	1		1	1
PILOT FATIGUE					1	1		1	1
FUEL EXHAUSTION				14		14	14		14
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	3	1	4				3	1	4
ICE-CARBURETOR				4		4	4		4
AIRFRAME ICE		1	1		2	2		3	3
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	1		1	2		2	3		3
INTERFERENCE WITH FLIGHT CONTROLS	1		1				1		1
WHITEOUT		1	1		1	1		2	2
SUNGLARE		1	1		1	1		2	2
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				1		1	1		1
OIL CONTAMINATION				1		1	1		1
SIMULATED CONDITIONS					2	2		2	2
WATER IN FUEL	1		1	4		4	5		5
AIRCRAFT CAME TO REST IN WATER		1	1		2	2		3	3
MISSING				3		3	3		3
TOUCH AND GO LANDING					4	4		4	4
OVERLOAD FAILURE		1	1		28	28		29	29
MATERIAL FAILURE				9		9	9		9
FUEL STARVATION	2		2	7		7	9		9

DIRECT ENTRY CAUSES

PILOT-IMPROPER LANDING TECHNIQUE
MISC-TOW RELEASED ON TKOF FOR UNDET REASON.
MISC-FUEL STARVATION FOR UNDETERMINED REASON.
PILOT-FAILED TO MAINTAIN ADEQUATE SEPARATION

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 0901	N9809D	050879	CONNEAUT,PA	PIPER	PA-22	NONE
3 0902	N5720D	040779	MONROEVILLE,PA	PIPER	PA-22	FATAL
3 0903	N732KM	042879	ISLIP,NY	CESSNA	210	NONE
3 0904	N6931G	050179	ISLIP,NY	CESSNA	150L	NONE
3 0905	N95755	050679	NLAKE ARROWHEAD,CA	CESSNA	182	SERIOUS
3 0906	N734BB	032279	FARMINGDALE,NY	CESSNA	172	NONE
3 0907	N21LW	040279	TYLERTOWN,MS	CESSNA	182	NONE
3 0908	N40434	070979	NCENTER,CO	BALLOON WKS	FF-8	SERIOUS
3 0909	N341FR	042879	YORK,NE	AEROSPATLE	341G	NONE
3 0910	N1649H	032679	NBROTHERS,OR	PIPER	PA-28	FATAL
3 0911	N6630J	030479	NEWARK,NJ	PIPER	PA-28	FATAL
3 0912	N222LR	061879	NEW ORLEANS,LA	MITSUBISHI	MU-2B	FATAL
3 0913	N17574	022479	ONEONTA,NY	BEECH	58	SERIOUS
3 0914	N3354C	062479	NAPA,CA	BEECH	F-35	NONE
3 0915	N8200N	052779	NZENIA,CA	PIPER	PA-28	NONE
3 0916	N6167E	052479	PLACERVILLE,CA	CESSNA	172	NONE
3 0917	N735VS	060679	LAS VEGAS,NV	CESSNA	182Q	NONE
3 0918	N24233	061379	PANACCA,NV	CESSNA	152	NONE
3 0919	N1677V	052679	BOWMAN,ND	CESSNA	140	NONE
3 0920	N65573	052579	NKAMIAH,ID	BOEING	B75N1	FATAL
3 0921	N75058	030779	KERRVILLE,TX	PIPER	PA-28	NONE
3 0922	N8995V	061979	GREELEY,CO	CESSNA	150	SERIOUS
3 0923	N9786P	062679	NLAKE PETERS,AK	PIPER	PA-18	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 0924	N759UP	060279	TIMBERON,NM	CESSNA	182Q	NONE
3 0925	N74990	062379	GREAT BEND,KS	PIPER	PA-18	MINOR
3 0926	N53311	052479	NFALFURRIAS,TX	CESSNA	A188B	FATAL
3 0927	N8624L	052979	TONKAWA,OK	PIPER	PA-25	MINOR
3 0928	N8534H	041379	SWEETWATER,TX	NAVION	A	NONE
3 0929	N7628E	062279	PECOS,TX	BELLANCA	1419-3	NONE
3 0930	N3603Y	030179	SAN MARCOS,TX	CESSNA	210	MINOR
3 0931	N1013M	060779	BEAUMONT,TX	BOEING	A-75N1	NONE
3 0932	N761VV	031479	NDIMITT,TX	CESSNA	T210M	NONE
3 0933	N15TB	050579	ABILENE,TX	TURNER	T-40A	SERIOUS
3 0934	N8358G	052679	CUSHING,OK	CESSNA	A188B	NONE
3 0935	N6428P	021079	SILVER CLIFF,CO	PIPER	PA-24	MINOR
3 0936	N75747	040479	SALIDA,CO	CESSNA	172	NONE
3 0937	N4037J	050679	FT COLLINS,CO	BARNES	AX-7	SERIOUS
3 0938	N7749S	061679	FALCON,CO	SCHWEIZER	I-26	SERIOUS
3 0939	N1563D	040479	LONG BEACH,CA	CESSNA	195	NONE
3 0940	N2558Z	021679	NDATELAND,AZ	BELLANCA	8GCBC	NONE
3 0941	N6496Z	061279	NEADS,CO	PIPER	PA25	NONE
3 0942	N82534	061479	NTWO BUTTES,CO	PIPER	PA-25	NONE
3 0943	N19077	060179	BROOMFIELD,CO	CESSNA	150L	NONE
3 0944	N8501V	052679	BLUNT,SD	NA ROCKWELL	S-2R	FATAL
3 0945	N520H	012079	SHAFTER,CA	ENSTROM	F28A	NONE
3 0946	N2680P	052379	BELLINGHAM,WA	LAKE	LA-4	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 0947	N312MA	052579	SACRAMENTO,CA	MITSUBISHI	MU2	NONE
3 0948	N6998N	060379	CRESCENT LAKE,OR	PIPER	PA-28R	NONE
3 0949	N53177	060579	NONTARIO,OR	CESSNA	188B	NONE
3 0950	N24905	060279	RICHMOND,KS	PIPER	J3C-65	MINOR
3 0951	N5891R	010379	ANCHORAGE,AK	CESSNA	172	NONE
3 0952	N5545G	052379	FT LEAVENWORTH,KS	CESSNA	150	NONE
3 0953	N888AA	050779	SAN FRANCISCO,CA	CESSNA	414	NONE
3 0954	N1264W	051179	ROBBINS,CA	WEATHERLY	201B	SERIOUS
3 0955	N20092	051379	GIANT ROCK,CA	CESSNA	172M	NONE
3 0956	N9493Y	032379	TUCSON,AZ	BEECH	N35	SERIOUS
3 0957	N1032A	061079	REDDING,CA	RAND ROBINS	KR-2	NONE
3 0958	N6752S	061279	CHICO,CA	CESSNA	150	NONE
3 0959	N5289M	052879	FRESNO,CA	BEECH	C23	NONE
3 0960	N8914D	053179	FARMERSVILLE,TX	PIPER	PA-22	NONE
3 0961	N9670J	060779	AIKEN,TX	PIPER	PA-28	NONE
3 0962	N6920W	031879	NCAMDEN,SC	PIPER	PA-28	FATAL
3 0963	N526FL	031979	PITTSTOWN,NJ	PIPER	PA-28	FATAL
3 0964	N346V	013179	READING,PA	VOLPAR	C45	SERIOUS
3 0965	N9157G	060679	HANFORD,CA	CESSNA	188B	MINOR
3 0966	N12801	022179	LINCOLN PARK,NJ	CESSNA	172M	NONE
3 0967	N77318	060879	NBRADY,MT	CESSNA	140	NONE
3 0968	N739HC	031479	MILWAUKEE,WI	CESSNA	172	NONE
3 0969	N22824	052679	TAMPA,FL	BRANTLEY	B-2B	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 0970	N86054	041979	WARNER ROBINS,GA	AERONCA	11BC	SERIOUS
3 0971	N6765Z	051979	HEMINGFORD,NE	PIPER	PA-25	NONE
3 0972	N2340P	041479	ELKHART,IN	PIPER	PA-22	NONE
3 0973	N37MN	040279	NST MARY'S,AK	BRITTNORMAN	BN-2A	NONE
3 0974	N53084	060479	DEETH,NV	STEARMAN	75	NONE
3 0975	N1180	052779	MELBOURNE,FL	LIVINGSTON	SPECL	NONE
3 0976	N9276C	052979	ARCHER,FL	PIPER	PA-28	NONE
3 0977	N4344W	062179	SANTA BARBARA,CA	BEECH	19	NONE
3 0978	N6158Y	041179	DAYTON,MD	LAKE	LA4200	NONE
3 0979	N17963	041879	TUCSON,AZ	SCHWEIZER	2-33A	MINOR
3 0980	N11445	051479	DERBY,KS	CESSNA	150	NONE
3 0981	N5630Y	042179	DAYBROOK,WV	MAULE	M5-235	NONE
3 0982	N770R	040779	MARICOPA AZ	CIRRUS	SKAMP	NONE
3 0983	N3291T	031179	NMORMON LAKE,AZ	CESSNA	177	NONE
3 0984	N8135Z	011979	CASA GRANDE,AZ	CESSNA	205	NONE
3 0985	N6583W	050679	POMONKEY,MD	PIPER	PA-28	MINOR
3 0986	N2467J	022779	ANCHORAGE,AK	CESSNA	150	MINOR
3 0987	N1696H	051579	FARGO,ND	PIPER	PA-28	NONE
3 0988	N24527	050379	MESA,AZ	CESSNA	152	NONE
3 0989	N5262	052279	KAPLAN,LA	GRUMMAN	G-164A	NONE
3 0990	N641U	042979	NGRIMES,CA	GRUMMAN	G-164	NONE
3 0991	N4753M	041879	GOODYEAR,AZ	BEECH	F33A	NONE
3 0992	N6740M	052579	NASHLAND,OR	STINSON	108-3	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 0993	N9876L	052079	CHILOQUIN,OR	AMER AVCO	AA1-B	NONE
3 0994	N3771P	050679	NKODIAK,AK	PIPER	PA-18	NONE
3 0995	N9082	021479	OXNARD,CA	ENSTROM	F-28A	NONE
3 0996	N734ZN	051279	BRAWLEY,CA	CESSNA	172	NONE
3 0997	N24629	042479	PHOENIX,AZ	BEECH	C-23	NONE
3 0998	N3437S	050679	SUPRISE,AZ	AIR TRACTOR	AT-301	NONE
3 0999	N9337E	040379	FLAGSTAFF,AZ	CESSNA	172	SERIOUS
3 1000	N2806K	060579	SHAFTER,CA	CESSNA	180K	NONE
3 1001	N17MF	051579	ROSAMOND,CA	GRUMMAN	AA-1C	SERIOUS
3 1002	N33AA	032879	OPA LOCKA,FL	BEECH	A36	MINOR
3 1003	N1198S	020179	CRAIG,CO	SWEARINGEN	SA26T	NONE
3 1004	N33613	030579	WILLIAMS,AZ	BELL	47G-3B	SERIOUS
3 1005	N8081C	042079	NCASPER,WY	PIPER	PA-18A	NONE
3 1006	N4830	061779	NBELL ROSE,LA	BELL	206B	NONE
3 1007	N3711R	052079	NSANTA BARBARA,CA	CESSNA	172	NONE
3 1008	N83749	060679	RIVERSIDE,CA	STARDUSTER	A-300	NONE
3 1009	N666GS	030679	BERMUDA DUNES,CA	MOONEY	M20C	NONE
3 1010	N2055K	022679	NGREENVILLE,MS	BEECH	58	FATAL
3 1010	N500MG	022679	NGREENVILLE,MS	BEECH	95A55	FATAL
3 1011	N30775	062579	NMAUI,HI	PIPER	PA-28	FATAL
3 1012	N2543M	051079	GALLUP,NM	PIPER	PA-28	SERIOUS
3 1013	N37878	051179	BEAVER FALLS,PA	BEECH	18S	NONE
3 1014	N4805A	041979	NNEWTON,MS	PIPER	PA-22	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1015	N1982H	041779	NEW LONDON,NH	PIPER	PA-32R	NONE
3 1016	N6181V	050679	WHITEFIELD,NH	LAKE	4-200	NONE
3 1017	N48037	050679	SHIRLEY NY	BLANIK	L-13	NONE
3 1018	N76JP	050579	ELMIRA,NY	SCHWEIZER	SGS134	SERIOUS
3 1019	N5963U	050879	BROCKPORT,NY	PIPER	PA-28	NONE
3 1020	N6172W	050879	STEAMBURG,NY	PIPER	PA-28	SERIOUS
3 1021	N6817B	062479	PONTIAC,MI	PIPER	PA-22	NONE
3 1022	N64580	051979	NMIDDLEVILLE,MI	TRANSWORLD	47D-1	NONE
3 1023	N99017	061079	SAN ANTONIO,TX	CESSNA	310	MINOR
3 1024	N704UN	052079	MIDLAND,TX	CESSNA	150M	NONE
3 1025	N9320T	071479	NBELLEVUE,ID	PIPER	PA-38	FATAL
3 1026	N224H	052579	DRIGGS,ID	CESSNA	180	MINOR
3 1027	N1453Q	022279	KENAI,AK	CESSNA	185	NONE
3 1028	N926T	071079	OMILIK,AK	WESTWIND	H18	NONE
3 1029	N3362P	020479	PASCAGOULA,MS	PIPER	PA-23	FATAL
3 1030	N20JH	061779	SOUTHAVEN,MS	PITTS	S1-C	FATAL
3 1031	N48313	050179	NDREW,MS	HILLER	UH12D	MINOR
3 1032	N8294H	071279	KIMBALL,NE	CALLAIR	A-9	NONE
3 1033	N8259H	042979	NDAYTON,WA	CALLAIR	A-9	FATAL
3 1034	N1947	051179	ZILLAH,WA	THORP	T-18	SERIOUS
3 1035	N1258W	041479	POMEROY,WA	WEATHERLY	201B	MINOR
3 1036	N43445	060179	MARYVILLE,MO	PIPER	PA-28	NONE
3 1037	N737CL	051079	MURRIETA,CA	CESSNA	172N	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1038	N39939	042779	CYNTHIANA,KY	PIPER	PA-28	FATAL
3 1039	N58333	030979	ANGLETON,TX	HUGHES	369D	FATAL
3 1040	N1833G	062279	LAUREL,MT	BELLANCA	7KCAB	FATAL
3 1041	N74735	041079	NCHANTILLY,VA	CESSNA	182	MINOR
3 1042	N6397V	070179	BIG SKY,MT	BELLANCA	7GCBC	FATAL
3 1043	N78233	032579	NPARKER,AZ	GLOBE SWIFT	GC1B	FATAL
3 1044	N70GC	031979	NARCADIA,FL	BEECH	65	FATAL
3 1045	N906MW	061179	ST LOUIS,MO	DEHAVILLAND	DH 104	NONE
3 1046	N6191F	050379	LODI,CA	CESSNA	182P	FATAL
3 1047	N123SM	050479	SEVIERVILLE,TN	CESSNA	421	NONE
3 1048	N2041L	052879	FRESNO,CA	BEECH	C-23	MINOR
3 1049	N51849	061579	NNAPA-CA	BELL	OH-13H	NONE
3 1050	N6693G	051279	HORNBROOK,CA	CESSNA	150	NONE
3 1051	N6083S	052679	ORLEANS,CA	BEECH	F33A	FATAL
3 1052	N4106R	062279	BURBANK,CA	PIPER	PA-32	NONE
3 1053	N10531	060779	REEDLEY,CA	CESSNA	150	NONE
3 1054	N2323L	062279	SANTA ROSA,CA	PIPER	PA-38	NONE
3 1055	N4342V	053079	LAKE TAHOE,CA	CESSNA	190	NONE
3 1056	N3407P	060379	RIVERSIDE,CA	PIPER	PA-23	NONE
3 1057	N3401M	060379	SANTA BARBARA,CA	CESSNA	180	NONE
3 1058	N55001	030979	NLAPORTE,IN	PIPER	PA-28	NONE
3 1059	N1406C	021379	NAPLES,FL	CESSNA	177B	NONE
3 1060	N3683E	051579	ASTATULO,FL	PIPER	PA-36	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1061	N34583	022279	NOPA LOCKA,FL	CESSNA	177	NONE
3 1062	N9589W	032179	NORMOND BEACH,FL	PIPER	PA-28	SERIOUS
3 1063	N3231X	041179	FT.LAUDERDALE,FL	CESSNA	150	MINOR
3 1064	N18957	030979	ORLANDO,FL	BEECH	C-23	SERIOUS
3 1065	N1896K	051279	ATHENS,GA	LUSCOMBE	8E	NONE
3 1066	N42R	051579	NWARNER ROBINS,GA	PITTS SPEC	S-1	FATAL
3 1067	N5822V	061679	WILLIAMSON,GA	SCHWEIZER	SGU222	NONE
3 1068	N8416V	070979	NCRAWFORDSVILLE,AR	AERO CMDR	600S-2	SERIOUS
3 1069	N8871Q	062379	WALDENBURG,AR	ROCKWELL	S-2R	NONE
3 1070	N757RG	050779	MAGNOLIA,AR	CESSNA	152	NONE
3 1071	N29457	051279	BATESVILLE,AR	CESSNA	177	NONE
3 1072	N9978P	052779	NBOISE CITY,OK	PIPER	PA-36	FATAL
3 1073	N112GC	052179	GRAND RAPIDS,MN	CESSNA	180J	NONE
3 1074	N9026Y	012179	PINEDALE,WY	PIPER	PA-31	MINOR
3 1075	N2064L	041779	NFISHERS,IN	BEECH	C-23	SERIOUS
3 1076	N5927M	022779	BRISTOL,VA	CESSNA	310	FATAL
3 1077	N155HA	052379	NLIHUE,HI	HILLER ACFT	UH-12E	NONE
3 1078	N7309J	012679	SAN JUAN,PR	PIPER	PA-28	NONE
3 1079	N966YH	051179	SAN JUAN,PR	BEECH	G18S	NONE
3 1080	N7480J	042479	MISSING AIRCRAFT	PIPER	PA-28R	FATAL
3 1081	N201GW	032379	CEDAR RAPIDS,IA	BEECH	E18S	FATAL
3 1082	N1607V	070679	BASILE,LA	CESSNA	140	FATAL
3 1083	N3092X	052279	MEAD,WA	CESSNA	150F	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1084	N36353	062379	WAXAHACKIE,TX	BELLANCA	7ECA	NONE
3 1085	N8478M	051979	SELDEN,NY	CESSNA	150	MINOR
3 1086	N9ZZ	012779	WAUKESHA,WI	BEECH	58P	FATAL
3 1087	N34631	062279	OELWEIN,IA	CESSNA	177	NONE
3 1088	N149PA	040479	NEWBURG,NY	BEECH	E-18	SERIOUS
3 1089	N438AS	052479	CASTROVILLE,TX	SCHLEICHER	ASW-19	NONE
3 1090	N2125C	063079	ıYLER,TX	CESSNA	195B	MINOR
3 1091	N8842H	061779	MOSCOW,KS	GRUMMAN	G-164A	NONE
3 1092	N8773H	062979	ARCOLA,TX	GRUMMAN	G-164A	NONE
3 1093	N2740V	031979	LEAGUE CITY,TX	CESSNA	177RG	NONE
3 1094	N20SB	041579	NBOCA RATION,FL	BEECH	58	FATAL
3 1095	N513V	050779	MELVILLE,LA	LOCKHEED	18	NONE
3 1096	N5379	060579	PINE ISLAND,LA	GRUMMAN	G-164A	NONE
3 1097	N3712E	052979	LAFAYETTE,LA	PIPER	PA-36	NONE
3 1098	N51020	061179	HAILEY,ID	CESSNA	T210L	SERIOUS
3 1099	N68367	052579	SALINAS,CA	BELL	47-G2	MINOR
3 1100	N8604G	041479	NJULIAN,CA	CESSNA	150F	SERIOUS
3 1101	N87063	060979	AGUA DULCE,CA	ERCO	415-C	NONE
3 1102	N5846P	050679	NKLAMATH FALLS,OR	PIPER	PA-24	MINOR
3 1103	N7633F	061779	WELLINGTON,KS	PIPER	PA-28	NONE
3 1104	N94465	052979	COLUMBIA,MO	STOKES	AX-7	SERIOUS
3 1105	N331T	042279	LANCASTER,PA	PIPER	PA-18	NONE
3 1106	N902Z	041279	SWANTON,VT	BELL	47G	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1107	N255M	033079	WICKENBURG,AZ	BEECH	55	NONE
3 1108	N7687T	050579	ALBANY,KY	CESSNA	172A	FATAL
3 1109	N6404L	050679	MOUNTVILLE,PA	GRUMMAN	AA1	FATAL
3 1110	N6905Z	053179	COHOCTON,NY	PIPER	PA-25	MINOR
3 1111	N757WN	061079	FARMINGDALE,NY	CESSNA	152	NONE
3 1112	N7GD	060679	ARCATA,CA	BEDE	BD4	NONE
3 1113	N42556	052079	SAN CARLOS,CA	CESSNA	182	NONE
3 1114	N2263T	040979	STOCKTON,CA	CESSNA	182RG	NONE
3 1115	N6337Z	052579	WATSON,MN	PIPER	PA-25	NONE
3 1116	N91775	052979	CAPE GIRARDEAU,MO	CESSNA	182M	NONE
3 1117	N6942K	060579	NORBORNE,MO	GRUMMAN	G-164B	SERIOUS
3 1118	N6842X	051979	ANSELMO,NE	CESSNA	172A	SERIOUS
3 1119	N8599M	060479	MULESHOE,TX	BEECH	95-A55	NONE
3 1120	N8541V	060779	FAIROAKS,AR	NA ROCKWELL	S2R	NONE
3 1121	N4687P	060979	BENTON,AR	PIPER	PA-28	NONE
3 1122	N9660U	052779	ROCKPORT,TX	GRUM AMER	AA1-C	SERIOUS
3 1123	N6605Q	052679	NSYLVESTER,TX	GRUMMAN	G-164B	NONE
3 1124	N9514	060179	KAPLAN,LA	GRUMMAN	G-164A	NONE
3 1125	N7462Z	060479	LIGHT,AR	PIPER	PA-25	SERIOUS
3 1126	N5334	050479	NMIDLAND,LA	GRUMMAN	G-164A	NONE
3 1127	N51711	051779	WESTFIELD,IN	BELL	47J2	NONE
3 1128	N45232	062779	NMERCER,ND	CESSNA	150M	NONE
3 1129	N512SK	060679	MANHATTAN,KS	CESSNA	340	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1130	N21KK	040879	NGROVE HILL,AL	BEECH	V35B	FATAL
3 1131	N51008	071679	CRESCENT,OK	CESSNA	150J	FATAL
3 1132	N8629F	040279	PEKIN IL	HUGHES	369D	FATAL
3 1133	N4047R	031979	DEKALB,IL	PIPER	PA-32	FATAL
3 1134	N733YX	042879	LANSING,IL	CESSNA	172N	MINOR
3 1135	N60759	041379	WAVERLY,OH	CESSNA	150J	FATAL
3 1136	N210P	042679	RAMONA,CA	ALLISON	3A	NONE
3 1137	N2834C	042779	CHAMA,NM	CESSNA	182RG	NONE
3 1138	N9472P	051679	NANZA,CA	PIPER	PA-24	MINOR
3 1139	N93190	062479	DENISON,TX	CESSNA	210L	NONE
3 1140	N5654M	053179	SAN MARCOS,TX	SWEARINGEN	SA226	MINOR
3 1141	N7766V	060279	YATES CENTER,KS	CALLAIR	A-9B	FATAL
3 1142	N7714E	061479	GUALALA,CA	CESSNA	150	NONE
3 1143	N7006C	060579	HOPE,KS	PIPER	PA-28	MINOR
3 1144	N31278	030779	QUEENSTOWN,MD	BELLANCA	8KCAB	FATAL
3 1145	N738AJ	031379	INDEPENDENCE,OR	CESSNA	172	NONE
3 1146	N5647X	061279	MARKED TREE,AR	NA ROCKWELL	S2R	NONE
3 1147	N8013Y	062779	MINOT,ND	PIPER	PA-30	NONE
3 1148	N78744	051779	EASTOVER,SC	CESSNA	182P	FATAL
3 1149	N711BR	042079	BROWNSVILLE,TX	LOCKHEED	18	NONE
3 1150	N50727	051579	WAKE VILLAGE,TX	CESSNA	150J	FATAL
3 1151	N9129M	062679	EMMONAK,AK	CESSNA	U206	NONE
3 1152	N733CT	032279	NNIGHTMUTE,AK	CESSNA	U206	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1153	N733HG	050679	NLIVERMORE,CA	CESSNA	172N	FATAL
3 1154	N87921	061079	JACKSONVILLE,FL	BEDE	BD-5A	NONE
3 1155	N4442	040279	MISSING AIRCRAFT	BEECH	E18S	FATAL
3 1156	N44698	051179	NGROVELAND,CA	PIPER	PA-32	FATAL
3 1157	N25790	042679	INDEPENDENCE,OR	CESSNA	152	MINOR
3 1158	N49240	042279	TOLT RESERVOIR,WA	CESSNA	185	NONE
3 1159	N57591	071479	NLIND,WA	PIPER	PA-36	NONE
3 1160	N25SK	070379	NLEWISTON,ID	GRUMMAN	G-164A	SERIOUS
3 1161	N4659V	042179	SNOHOMISH,WA	CONVAIR	L-13	NONE
3 1162	N12MP	051279	ELMIRA,OR	COOT	A	NONE
3 1163	N6166B	072179	SCHAFER,MT	CESSNA	182	MINOR
3 1164	N8051A	071879	NCUT BANK,MT	CESSNA	170B	NONE
3 1165	N2269J	061079	NSALMON,ID	CESSNA	150	MINOR
3 1166	N1169U	071779	OCEAN SHORES,WA	CESSNA	172M	NONE
3 1167	N25937	070579	PIQUA,OH	CESSNA	152	NONE
3 1168	N67770	050279	LONG BEACH,CA	CESSNA	152	MINOR
3 1169	N34820	042279	NCOVINGTON,LA	CESSNA	320E	FATAL
3 1170	N5562M	051379	NBONITA SPRINGS,FL	AERO CMDR	100	NONE
3 1171	N7373L	041179	NMARATHON,FL	AMER AVCO	AA-5	FATAL
3 1172	N2181P	040379	NNAPLES,FL	PIPER	PA-28	FATAL
3 1173	N28671	021179	NPLYMOUTH,FL	AMER AVCO	AA-5B	FATAL
3 1174	N1895T	041779	VEEDERSBURG,IN	PIPER	PA-28	FATAL
3 1174	N6347J	041779	VEEDERSBURG,IN	PIPER	PA-28	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1175	N3158Y	071079	CHALLIS,ID	CESSNA	182G	SERIOUS
3 1176	N50185	042879	CHOKIO,MN	CESSNA	150H	MINOR
3 1177	N96194	051779	CHESTERFIELD,MO	BELL	47G-2	SERIOUS
3 1178	N48100	060979	NTOSTON,MT	CESSNA	188	NONE
3 1179	N1109F	051979	NEW CUMBERLAND,WV	CESSNA	172	NONE
3 1180	N20388	042679	MURFREESBORO,TN	CESSNA	172	NONE
3 1181	N9023N	062079	MINDEN,NV	VICKERS	T-65	FATAL
3 1182	N6298T	050679	SPRINGFIELD,GA	CESSNA	150	NONE
3 1183	N8410G	040579	PORTLAND,IN	CESSNA	421	NONE
3 1184	N9814U	060679	CEDAR RAPIDS,IA	GRUMMAN	AA-5A	MINOR
3 1185	N2916H	052679	CRESTON,IA	ERCO	415-C	NONE
3 1186	N38729	051979	MELBOURNE,FL	PIPER	PA-28	NONE
3 1187	N44465	052279	BARTOW,FL	PIPER	PA-36	NONE
3 1188	N162	052279	NNENANA,AK	PIPER	PA-22	NONE
3 1189	N7673S	060479	NGLENALLEN,AK	BELLANCA	8GCBC	MINOR
3 1190	N23225	061679	NFAIRBANKS,AK	CESSNA	150	NONE
3 1191	N73872	042479	FALLBROOK,CA	BELL	47G-2A	NONE
3 1192	N357AL	062279	DAGGETT,CA	DOUGLAS	DC-7C	FATAL
3 1193	N5244M	070179	NCHINESE CAMP,CA	BEECH	C23	NONE
3 1194	N5783S	052779	VACAVILLE,CA	SCHWEIZER	SGS233	SERIOUS
3 1195	N761DG	060379	JACKSON,CA	CESSNA	T210	NONE
3 1196	N13585	060179	CHICO,CA	CESSNA	172	NONE
3 1197	N9153M	060279	LOWER LAKE,CA	CESSNA	182	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1198	N87600	060879	NVERBENA,AL	HILLER	UH-12E	SERIOUS
3 1199	N6072X	062679	HILLSDALE,KS	MOONEY	M20A	NONE
3 1200	N80883	053179	GOODLAND,KS	GLOBE	GC1B	NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1130	4/8/79 TIME - 1412	NR.GROVE HILL,AL	BEECH V35B N21KK DAMAGE-DESTROYED INTENDED DESTINATION LITTLE ROCK,AR	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 52, 1430 TOTAL HOURS, 1390 IN TYPE, INSTRUMENT RATED.

TYPE OF ACCIDENT
  COLLIDED WITH TREES

PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - RAIN
  WEATHER - FOG
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF FLIGHT PLAN
  IFR
FIRE AFTER IMPACT

CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  RAIN, THUNDERSTORM
TYPE OF WEATHER CONDITIONS
  IFR

REMARKS- ACFT OBSERVED FLYING LOW OVER HILLS TOWARDS DARK CLOUDS.

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1198	6/8/79 TIME - 1830	NR.VERBENA,AL	HILLER UH-12E N87600 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	AIRLINE TRANSPORT, AGE 32, 6139 TOTAL HOURS, 69 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
VERBENA,AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 6000
KIND OF CROP - COTTON
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - HILLY
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 380

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0951	1/3/79 TIME - 1455	ANCHORAGE,AK	CESSNA 172 N5891R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 39, 37 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MERRILL FIELD
DEPARTURE POINT
WASILLA,AK
INTENDED DESTINATION
ANCHORAGE,AK
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1027	2/22/79 TIME - 1649	KENAI,AK	CESSNA 185 N14530 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 20, 1550 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KENAI
DEPARTURE POINT
KENAI,AK
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
ANCHORAGE,AK
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - SNOW-COVERED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0986	2/27/79 TIME - 1630	ANCHORAGE,AK	CESSNA 150 N2467J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 25, 22 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - INTERNATIONAL
DEPARTURE POINT
ANCHORAGE,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
TERRAIN - SNOW-COVERED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LNDED IN DEEP SNOW.CYL HEAD OF #3 CYL FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1152	3/22/79 TIME - 1113	NR.NIGHTMUTE,AK	CESSNA U206 N733CT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 2 1 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 52, 2378 TOTAL HOURS, 288 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BETHEL AK
INTENDED DESTINATION
TOOKSOOK,AK
LAST ENROUTE STOP
TANUNAK,AK
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
WEATHER - LOW CEILING
WEATHER - SNOW
MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
800
VISIBILITY AT ACCIDENT SITE
ZERO
PRECIPITATION AT ACCIDENT SITE
SNOW SHOWERS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
BLOWING SNOW
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- PLT NOT QUALIFIED FOR TYPE OF FLYING,FAA HAD SUSPENDED HIS CERTIFICATE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0973	4/2/79 TIME - 2230	NR.ST MARY'S,AK	BRITTNORMAN BN-2A N37MN DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 24, 3645 TOTAL HOURS, 1400 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ST.MARY'S

DEPARTURE POINT
NOME,AK

INTENDED DESTINATION
ST.MARY'S,AK

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR

FACTOR(S)
TERRAIN - SNOW-COVERED
TERRAIN - ROUGH/UNEVEN
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING

PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
BROKEN/LOWER SCATTERED

CEILING AT ACCIDENT SITE
4500

VISIBILITY AT ACCIDENT SITE
4 MILES OR LESS

PRECIPITATION AT ACCIDENT SITE
RAIN

OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE

WIND DIRECTION-DEGREES
140

WIND VELOCITY-KNOTS
25

TYPE OF WEATHER CONDITIONS
IFR

TYPE OF FLIGHT PLAN
IFR

REMARKS- 0 TO 1 DEGREE TEMP/DEW POINT SPREAD FORECASTED ALONG ROUTE OF FLT.

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FILE    DATE          LOCATION             AIRCRAFT DATA          INJURIES      FLIGHT                       PILOT DATA
                                                                  F  S M/N      PURPOSE

3-0994  5/6/79   NR.KODIAK,AK             PIPER PA-18          CR-  0  0  1  COMMERCIAL
        TIME - 1800                       N3771P               PX-  0  0  1  FISH SPOTTING          PRIVATE, AGE 24, 550
                                          DAMAGE-SUBSTANTIAL                                        TOTAL HOURS, 470 IN TYPE,
        DEPARTURE POINT                 INTENDED DESTINATION                                        NOT INSTRUMENT RATED.
          UGANIK BAY,AK                   LOCAL
        TYPE OF ACCIDENT
          STALL                                                        PHASE OF OPERATION
                                                                         TAKEOFF  INITIAL CLIMB
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  ROUGH WATER
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                                  CEILING AT ACCIDENT SITE
          CLEAR                                                          UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                    PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                           NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                        WIND VELOCITY-KNOTS
          NONE                                                           20
        TYPE OF WEATHER CONDITIONS                                     TYPE OF FLIGHT PLAN
          VFR                                                            NONE
        REMARKS- FLOAT EQUIPPED. WIND GUSTS TO 30 KNOTS.

3-1188  5/22/79  NR.NENANA,AK             PIPER PA-22          CR-  0  0  1  NONCOMMERCIAL
        TIME - 1645                       N162                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP  PRIVATE, AGE 36, 481
                                          DAMAGE-SUBSTANTIAL                                        TOTAL HOURS, 17 IN TYPE,
        DEPARTURE POINT                 INTENDED DESTINATION                                        NOT INSTRUMENT RATED.
          GALENA,AK                       FAIRBANKS,AK
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                  IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES       FLIGHT                               PILOT DATA
                                                                  F  S M/N      PURPOSE

3-1189  6/4/79   NR.GLENALLEN,AK        BELLANCA 8GCBC        CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 29, 290
        TIME - 1930                      N7673S                PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          STIBNITE CREEK,AK              NABESNA GLACIER,AK
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - SNOW-COVERED
          TERRAIN - OTHER
        REMARKS- SOFT SNOW UNDER TOP LAYER OF HARD ICE CRUST.


3-1190  6/16/79  NR.FAIRBANKS,AK        CESSNA 150            CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 40, 84 TOTAL
        TIME - 1420                      N23225                PX-  0  0  1  PLEASURE/PERSONAL TRANSP  HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          FAIRBANKS,AK.                  FAIRBANKS,AK
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL                                                     TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
          PILOT IN COMMAND - PREMATURE LIFT-OFF
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS- TKOF FROM PAVED STRAIGHT LEVEL HIGHWAY.


3-1151  6/26/79     EMMONAK,AK          CESSNA U206           CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 38, 192
        TIME - 1200                      N9129M                PX-  0  0  0  AIR TAXI-CARGO             TOTAL HOURS, 97 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - EMMONAK
        DEPARTURE POINT                INTENDED DESTINATION
          KOTLIK,AK                      EMMONAK,AK
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT RUNWAY
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        REMARKS- GUSTS TO 12 KNOTS.RUNWAY NOTAMED CLOSED.
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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0923	6/26/79 TIME - 1415	NR.LAKE PETERS,AK	PIPER PA-18 N9786P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 35, 1830 TOTAL HOURS, 142 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
BARTER ISLAND,AK
INTENDED DESTINATION
LAKE PETERS,AK
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- PILOT ATTEMPTING TO LAND ON GRAVEL BAR IN CARNIVORE CREEK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1028	7/10/79 TIME - 1635	OMILIK,AK	WESTWIND H18 N926T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	AIRLINE TRANSPORT, AGE 40, 12089 TOTAL HOURS, 1923 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OMILIK
DEPARTURE POINT
KOTZEBUE,AK
INTENDED DESTINATION
OMILIK,AK
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
WEATHER - UNFAVORABLE WIND CONDITIONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
315
TYPE OF WEATHER CONDITIONS
UNKNOWN/NOT REPORTED
REMARKS- 2000FT GRAVEL STRIP WITH DOGLEG.

CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0984	1/19/79 TIME - UNK/NR	CASA GRANDE,AZ	CESSNA 205 N8135Z DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

DEPARTURE POINT
CHANDLER,AZ
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
REMARKS- STOLEN AIRCRAFT.INJURY INDEX PRESUMED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0940	2/16/79 TIME - 1340	NR.DATELAND,AZ	BELLANCA 8GCBC N2558Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 30, 79 TOTAL HOURS, 17 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  CASA GRANDE,AZ
TYPE OF ACCIDENT
  NOSE OVER/DOWN

INTENDED DESTINATION
  DATELAND,AZ

PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  TERRAIN - WET,SOFT GROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1004	3/5/79 TIME - 1630	WILLIAMS,AZ	BELL 47G-3B N33613 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 54, 1824 TOTAL HOURS, 143 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  WILLIAMS,AZ
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED

INTENDED DESTINATION
  PRESCOTT,AZ

PHASE OF OPERATION
  TAKEOFF VERTICAL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  BROKEN
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- D/A APPROX 10600FT.

CEILING AT ACCIDENT SITE
  25000
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  45
TYPE OF FLIGHT PLAN
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0983	3/11/79 TIME - 0700	NR.MORMON LAKE,AZ	CESSNA 177 N3291T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 17, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
UPLAND,CA
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
LOW ON FUEL
REMARKS- STOLEN AIRCRAFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0956	3/23/79 TIME - 1642	TUCSON,AZ	BEECH N35 N9493Y DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 88, 5000 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TUCSON INTL
DEPARTURE POINT
MAZATLAN,MEXICO
INTENDED DESTINATION
TUCSON,AZ
TYPE OF ACCIDENT
OVERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO EXTEND THE LANDING FLAPS
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- PORTIONS OF 4HR FLIGHT FLOWN ABOVE 10000-NO OXYGEN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1043	3/25/79 TIME - 1030	NR.PARKER,AZ	GLOBE SWIFT GC1B N78233 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 80 TOTAL HOURS, 68 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
LAKE HAVASU CITY,AZ
INTENDED DESTINATION
LONG BEACH,CA
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                               PILOT DATA
                                                                F  S M/N    PURPOSE

3-1107  3/30/79      WICKENBURG,AZ        BEECH 55           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 62, 1892
        TIME - 1430                       N255M              PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 47 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WICKENBURG
        DEPARTURE POINT                INTENDED DESTINATION
          EL PASO,TX                     WICKENBURG,AZ
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             LANDING  TRAFFIC PATTERN-CIRCLING
          COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- L MAIN FUEL TANK FULL,R MAIN AND R AUX DMGD,L AUX EMPTY.PLT SWITCHED TO AUX AT CRUISE ALT.


3-0499  4/3/79       FLAGSTAFF,AZ         CESSNA 172         CR-  0  1  0  INSTRUCTIONAL                STUDENT, AGE 26, 40 TOTAL
        TIME - 0915                       N9337E             PX-  0  0  0  SOLO                         HOURS, 13 IN TYPE, NOT
                                          DAMAGE-DESTROYED                                              INSTRUMENT RATED.
        NAME OF AIRPORT - FLAGSTAFF
        DEPARTURE POINT                INTENDED DESTINATION          LAST ENROUTE STOP
          PAGE,AZ                        PAGE,AZ                       FLAGSTAFF,AZ
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          STALL  MUSH                                                  LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND


3-0982  4/7/79       MARICOPA AZ          CIRRUS SKAMP       CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 47, 2340
        TIME - 1400                       N770R              PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 412 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - ESTRELLA
        DEPARTURE POINT                INTENDED DESTINATION
          MARICOPA AZ                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  TAKEOFF  RUN
          COLLIDED WITH  PARKED AIRCRAFT                            TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PERSONNEL - MISCELLANEOUS-PERSONNEL  OTHER
        REMARKS- SCHWEIZER,SGS 1-26,N-1154N,SUBSTANTIAL.WING RUNNER DROPPED WING ON RNY DURING TOW RUN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0991	4/18/79 TIME - 0718	GOODYEAR,AZ	BEECH F33A N4753M DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL TRAINING	ATP,FLIGHT INSTR., AGE 43, 4850 TOTAL HOURS, 450 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PHOENIX LITCHFLD
DEPARTURE POINT — INTENDED DESTINATION
GOODYEAR,AZ — GOODYEAR,AZ
TYPE OF ACCIDENT
STALL

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- SOFT FIELD TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0979	4/18/79 TIME - 1545	TUCSON,AZ	SCHWEIZER 2-33A N17963 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 24, 49 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RYAN FIELD
DEPARTURE POINT — INTENDED DESTINATION
TUCSON,AZ — LOCAL
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH TREES

PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE
REMARKS- WIND 15K GUSTING 20K

CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
220
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0997	4/24/79 TIME - 1850	PHOENIX,AZ	BEECH C-23 N24629 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 46, 11890 TOTAL HOURS, 152 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DEER VALLEY
DEPARTURE POINT: PHOENIX,AZ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING LEVEL OFF/TOUCHDOWN
PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- PLT ELECTED TO SHUT DOWN ENG IN PATTERN DUE TO VIBRATIONS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0988	5/3/79 TIME - 1710	MESA,AZ	CESSNA 152 N24527 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 22, 639 TOTAL HOURS, 241 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DIRT STRIP
DEPARTURE POINT: MESA,AZ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND
PROBABLE CAUSE(S)
DUAL STUDENT - IMPROPER LEVEL OFF
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0998	5/6/79 TIME - 1130	SUPRISE,AZ	AIR TRACTOR AT-301 N3437S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 25, 2512 TOTAL HOURS, 245 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SUPRISE VALLEY
DEPARTURE POINT: SUPRISE,AZ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
OVERSHOOT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL
PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                              F  S M/N    PURPOSE

3-1070 5/7/79     MAGNOLIA,AR          CESSNA 152           CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 20, 15 TOTAL
       TIME - 1850                     N757RG               PX-  0  0  0  SOLO                          HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - MAGNOLIA
       DEPARTURE POINT              INTENDED DESTINATION
         MAGNOLIA,AR                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  TAKEOFF  RUN
         COLLIDED WITH  TREES                                      TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       REMARKS- TREES 100 FT L OF RUNWAY.


3-1071 5/12/79    BATESVILLE,AR        CESSNA 177           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 27, 110
       TIME - 1430                     N29457               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 40 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - BATESVILLE MUNI
       DEPARTURE POINT              INTENDED DESTINATION         LAST ENROUTE STOP
         LITTLE ROCK,AR               WEST MEMPHIS,AR              BATESVILLE,AR
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
         STALL  MUSH                                               LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-1125 6/4/79     LIGHT,AR             PIPER PA-25          CR-  0  1  0  COMMERCIAL                    COMMERCIAL, AGE 36, 5100
       TIME - 1330                     N7462Z               PX-  0  0  0  AERIAL APPLICATION            TOTAL HOURS, UNK/NR IN
                                       DAMAGE-DESTROYED                                                 TYPE, INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         LIGHT,AR                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL                                                     IN FLIGHT  PROCEDURE TURNAROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -  650                        KIND OF OPERATION - SEEDING CROPS
         KIND OF CROP - RICE                                       TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                  GLOVES - USED
         GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                          CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                   TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  300                  SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
         PROCEDURE TURNAROUND - THIRD 1/3 TURN
       FIRE AFTER IMPACT
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT
                                                               F  S M/N      PURPOSE                          PILOT DATA

3-1120  6/7/79      FAIROAKS,AR          NA ROCKWELL S2R      CR-  0  0  1   COMMERCIAL
        TIME - 0800                      N8541V               PX-  0  0  0   ASSOC CROP CTL ACTIVITY    COMMERCIAL, AGE 45, 3541
                                         DAMAGE-SUBSTANTIAL                                             TOTAL HOURS, 890 IN TYPE,
        NAME OF AIRPORT - BROWN                                                                         NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          FAIROAKS,AR                   LOCAL
        TYPE OF ACCIDENT
          COLLIDED WITH  DIRT BANK                                  PHASE OF OPERATION
                                                                      TAKEOFF  INITIAL CLIMB
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN

3-1121  6/9/79      BENTON,AR            PIPER PA-28          CR-  0  0  1   NONCOMMERCIAL
        TIME - 1215                      N4687P               PX-  0  0  4   BUSINESS                   PRIVATE, AGE 41, 338
                                         DAMAGE-SUBSTANTIAL                                             TOTAL HOURS, 17 IN TYPE,
        NAME OF AIRPORT - SALINE COUNTY                                                                 INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          WEBB,TX                       LITTLE ROCK,AR
        TYPE OF ACCIDENT
          WHEELS-UP                                                 PHASE OF OPERATION
                                                                      LANDING  LEVEL OFF/TOUCHDOWN
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
          PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  SUSPECTED MECHANICAL DISCREPANCY
        REMARKS- LOST COM,NAV RADIOS,& GAUGES 20 MIN AFT TKOF.

3-1146  6/12/79     MARKED TREE,AR       NA ROCKWELL S2R      CR-  0  0  1   COMMERCIAL
        TIME - 1600                      N5647X               PX-  0  0  0   AERIAL APPLICATION         COMMERCIAL, AGE 40, 2000
                                         DAMAGE-SUBSTANTIAL                                             TOTAL HOURS, 1000 IN
                                                                                                        TYPE, NOT INSTRUMENT
        DEPARTURE POINT               INTENDED DESTINATION                                              RATED.
          MARKED TREE,AR                LOCAL
        TYPE OF ACCIDENT
          FIRE OR EXPLOSION  IN FLIGHT                              PHASE OF OPERATION
                                                                      IN FLIGHT  SWATH RUN
        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
          MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED     KIND OF OPERATION - FERTILIZING (DUST)
          KIND OF CROP - UNKNOWN/NOT REPORTED                    TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED               GLOVES - NOT USED
          GOGGLES - NOT USED                                     CRASH HELMET - NOT AVAILABLE
          COCKPIT CRASHPAD - INSTALLED                           CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  216               SWATH RUN-HOW FLOWN - WIND CALM
        FIRE AFTER IMPACT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1069	6/23/79 TIME - 0930	WALDENBURG,AR	ROCKWELL S-2R N8871Q DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 2820 TOTAL HOURS, 2800 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WALDENBURG,AR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
REMARKS- PLT REPORTED DRIFTED INTO WIRES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1068	7/9/79 TIME - 1400	NR.CRAWFORDSVILLE,AR	AERO CMDR 600S-2 N8416V DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 30, 2800 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
CRAWFORDSVILLE,AR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
IN FLIGHT EN ROUTE TO TREAT CROP

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0945	1/20/79 TIME - 1100	SHAFTER,CA	ENSTROM F28A N520H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 42, 3688 TOTAL HOURS, 1265 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SHAFTER,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE TAIL ROTOR
ROLL OVER
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR PULLEYS,BELTS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
SUSPECTED OR KNOWN AIRCRAFT DAMAGE
UNUSUAL NOISE

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FILE   DATE        LOCATION           AIRCRAFT DATA        INJURIES        FLIGHT                           PILOT DATA
                                                           F  S M/N        PURPOSE
3-0995 2/14/79    OXNARD,CA           ENSTROM F-28A        CR-  0  0  1    INSTRUCTIONAL                    STUDENT, AGE 34, 3040
       TIME - 1045                    N9082                PX-  0  0  0    TRAINING                         TOTAL HOURS, 40 IN TYPE,
                                      DAMAGE-DESTROYED                                                      NOT INSTRUMENT RATED.
       NAME OF AIRPORT - OXNARD
       DEPARTURE POINT                INTENDED DESTINATION              LAST ENROUTE STOP
         SANTA YNES,CA                  LONG BEACH,CA                     OXNARD,CA
       TYPE OF ACCIDENT                                                 PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE  MAIN ROTOR                              IN FLIGHT  NORMAL CRUISE
         HARD LANDING                                                     LANDING  ROLL-ON/RUN-ON

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM  SPRAG SYSTEM
         MISCELLANEOUS ACTS,CONDITIONS - OIL CONTAMINATION
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
       REMARKS- TRANS OIL CONTAINED ANTI-WEAR & TRACES OF EP ADDITIVES THAT COULD PREVENT UNIFORM SPRAG ENGAGEMENT

3-1009 3/6/79     BERMUDA DUNES,CA    MOONEY M20C          CR-  0  0  1    NONCOMMERCIAL                    PRIVATE, AGE 24, 138
       TIME - 1315                    N666GS               PX-  0  0  2    PLEASURE/PERSONAL TRANSP         TOTAL HOURS, 8 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                                    NOT INSTRUMENT RATED.
       NAME OF AIRPORT - BERMUDA DUNES
       DEPARTURE POINT                INTENDED DESTINATION
         SAN DIEGO,CA                   BERMUDA DUNES,CA
       TYPE OF ACCIDENT                                                 PHASE OF OPERATION
         UNDERSHOOT                                                       LANDING  FINAL APPROACH
         STALL  MUSH                                                      LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         WEATHER - UNFAVORABLE WIND CONDITIONS
       WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
       WEATHER FORECAST - UNKNOWN/NOT REPORTED

       SKY CONDITION
         CLEAR
       VISIBILITY AT ACCIDENT SITE                                      CEILING AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                             UNLIMITED
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                          PRECIPITATION AT ACCIDENT SITE
         BLOWING SAND                                                     NONE
       TEMPERATURE-F                                                    RELATIVE BEARING OF WIND
         85                                                               RIGHT QUARTERING HEAD WIND 023-067 DEGREES
       WIND VELOCITY-KNOTS                                              WIND DIRECTION-DEGREES
         15                                                               330
       TYPE OF FLIGHT PLAN                                              TYPE OF WEATHER CONDITIONS
         NONE                                                             VFR
       REMARKS- WND GUSTING 30K.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0939	4/4/79 TIME - 1500	LONG BEACH,CA	CESSNA 195 N1563D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 46, 998 TOTAL HOURS, 346 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LONG BEACH
DEPARTURE POINT: LONG BEACH,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
REMARKS- SOFT DIRT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1114	4/9/79 TIME - 1135	STOCKTON,CA	CESSNA 182RG N2263T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 210 TOTAL HOURS, 168 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STOCKTON METRO
DEPARTURE POINT: VAN NUYS,CA
INTENDED DESTINATION: STOCKTON,CA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FORCE LANDED IN PLOWED FIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1100	4/14/79 TIME - 0800	NR.JULIAN,CA	CESSNA 150F N8604G DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 24, 58 TOTAL HOURS, 45 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BRAWLEY,CA
INTENDED DESTINATION
BLYTHE,CA
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
55
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1191	4/24/79 TIME - 0745	FALLBROOK,CA	BELL 47G-2A N73872 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 30, 2075 TOTAL HOURS, 288 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
CARLSBAD,CA
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
FALLBROOK,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH VEGETATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2075
KIND OF CROP - FRUIT ORCHARDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 1100

KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - *ERROR-INVALID CODE*

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1136	4/26/79 TIME - 1130	RAMONA,CA	ALLISON 3A N210P DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL CHECK	PRIVATE, AGE 75, 200 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RAMONA
DEPARTURE POINT — RAMONA,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT
REMARKS- NO FLT TIME LAST 90 DAYS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0990	4/29/79 TIME - 1030	NR.GRIMES,CA	GRUMMAN G-164 N641U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	AIRLINE TRANSPORT, AGE 45, 6200 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WORKING STRIP
DEPARTURE POINT — GRIMES,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DITCHES
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS UNMARKED OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1060
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 40
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- TRAILER PARKED AT LEFT EDGE OF RWY.RGT GEAR STRUCK DITCH AS PILOT CLEARED RGT ON LNDG ROLLOUT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1168	5/2/79 TIME - 1002	LONG BEACH,CA	CESSNA 152 N67770 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 33, 37 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LONG BEACH
DEPARTURE POINT
LONG BEACH,CA
INTENDED DESTINATION
SANTA BARBARA,CA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
HARD LANDING
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1046	5/3/79 TIME - 1820	LODI,CA	CESSNA 182P N6191F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 511 TOTAL HOURS, 208 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LODI AIRPARK
DEPARTURE POINT
SAN DIEGO,CA
INTENDED DESTINATION
SACRAMENTO,CA
LAST ENROUTE STOP
LODI,CA
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
TERRAIN - HIGH OBSTRUCTIONS
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- HIT POWERLINE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1153	5/6/79 TIME - 1745	NR.LIVERMORE,CA	CESSNA 172N N733HG DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 131 TOTAL HOURS, 103 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MADERA,CA
INTENDED DESTINATION
SAN JOSE,CA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
BROKEN
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
RAIN SHOWERS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TEMPERATURE-F
40
WIND DIRECTION-DEGREES
200
WIND VELOCITY-KNOTS
12
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- RECOVERY DATE 5/7/79.WITNESS STATED CLOUD LAYER DROPPED BELOW LVL OF ACCID SITE IN MTNS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0905	5/6/79 TIME - 1320	NR.LAKE ARROWHEAD,CA	CESSNA 182 N95755 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 66 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SOUINT RANCH
DEPARTURE POINT
SAN FERNANDO,CA
INTENDED DESTINATION
BIG BEAR CITY,CA
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
180
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- CROSS WIND 25K GUSTING 35K.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0953	5/7/79 TIME - 0450	SAN FRANCISCO,CA	CESSNA 414 N888AA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	ATP,FLIGHT INSTR., AGE 28, 3355 TOTAL HOURS, 347 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SAN FRANCISCO INT
DEPARTURE POINT
UNKNOWN/NOT REPORTED
INTENDED DESTINATION
SAN FRANCISCO,CA
TYPE OF ACCIDENT
COLLIDED WITH AIRPORT HAZARD
PHASE OF OPERATION
TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIDDEN HAZARD
REMARKS- A/C HIT CHUCK HOLE IN CONSTRUCTION AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1037	5/10/79 TIME - 1300	MURRIETA,CA	CESSNA 172N N737CL DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 38, 2000 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - THOMPSON

DEPARTURE POINT
SANTA ANA,CA

INTENDED DESTINATION
SANTA ANA,CA

LAST ENROUTE STOP
MURRIETA,CA

TYPE OF ACCIDENT
NOSE OVER/DOWN

PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - SUDDEN WINDSHIFT

SKY CONDITION
CLEAR

CEILING AT ACCIDENT SITE
UNLIMITED

VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)

PRECIPITATION AT ACCIDENT SITE
NONE

OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE

RELATIVE BEARING OF WIND
HEAD WIND 338-022 DEGREES

WIND DIRECTION-DEGREES
150

WIND VELOCITY-KNOTS
15

TYPE OF WEATHER CONDITIONS
VFR

TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0954	5/11/79 TIME - 1030	ROBBINS,CA	WEATHERLY 201B N1264W DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	PRIVATE, AGE 40, 8000 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
UNKNOWN/NOT REPORTED

INTENDED DESTINATION
UNKNOWN/NOT REPORTED

TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES

PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 8000
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
SWATH RUN-HOW FLOWN - DOWNWIND
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- WIND GUSTS TO 8 KNOTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1156	5/11/79 TIME - 1955	NR.GROVELAND,CA	PIPER PA-32 N44698 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 432 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SAN DIEGO,CA
INTENDED DESTINATION
RENO,NV
LAST ENROUTE STOP
LOS ANGELES,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
MISC-FUEL STARVATION FOR UNDETERMINED REASON.
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
MISSING AIRCRAFT - LATER RECOVERED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- RECOVERY DATE 5/12/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1050	5/12/79 TIME - 1715	HORNBROOK,CA	CESSNA 150 N6693G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 192 TOTAL HOURS, 17 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SAN JOSE,CA
INTENDED DESTINATION
HORNBROOK,CA
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0996	5/12/79 TIME - 1145	BRAWLEY,CA	CESSNA 172 N7342N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 83 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BRAWLEY MUNI
DEPARTURE POINT
SANTEE,CA
INTENDED DESTINATION
BRAWLEY,CA
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
330
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0955	5/13/79 TIME - 1650	GIANT ROCK,CA	CESSNA 172M N20092 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 42, 704 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
FULLERTON,CA
INTENDED DESTINATION
FULLERTON,CA
LAST ENROUTE STOP
GIANT ROCK,CA
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- WND GUSTING 20KTS.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1001	5/15/79 TIME - 0825	ROSAMOND,CA	GRUMMAN AA-1C N17MF DAMAGE-DESTROYED	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 48, 1984 TOTAL HOURS, 262 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ROSAMOND
DEPARTURE POINT
ROSAMOND,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING: GO-AROUND
LANDING: GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1138	5/16/79 TIME - 1330	NR.ANZA,CA	PIPER PA-24 N9472P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 1451 TOTAL HOURS, 58 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
PALOMAR,CA
INTENDED DESTINATION
ROUND ROBIN FLIGHT
LAST ENROUTE STOP
BORREGO,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER: CONTROLLED
PHASE OF OPERATION
IN FLIGHT: LOW PASS
LANDING: LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1113	5/20/79 TIME - 0620	SAN CARLOS,CA	CESSNA 182 N4255A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 112 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SAN CARLOS
DEPARTURE POINT — LIVERMORE,CA
INTENDED DESTINATION — SAN CARLOS,CA
TYPE OF ACCIDENT — HARD LANDING
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — LEFT CROSS WIND 248-292 DEGREES
WIND DIRECTION-DEGREES — 210
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WND VARIABLE 180 TO 240 & GUSTING 18 KT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1007	5/20/79 TIME - 1300	NR.SANTA BARBARA,CA	CESSNA 172 N3711R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 21, 555 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — CHINO,CA
INTENDED DESTINATION — SANTA BARBARA,CA
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; NOSE OVER/DOWN
PHASE OF OPERATION — IN FLIGHT NORMAL CRUISE; LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - WET,SOFT GROUND
TERRAIN - SANDY
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LANDED ON WET SANDY BEACH,ACFT EVENTUALLY WASHED OUT TO SEA.

BRIEFS OF ACCIDENTS

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FILE   DATE        LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                                  PILOT DATA
                                                          F  S M/N     PURPOSE
3-0916 5/24/79   PLACERVILLE,CA      CESSNA 172          CR- 0  0  2  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
       TIME - 0910                   N6167F              PX- 0  0  0  DUAL                       AGE 60, 8035 TOTAL HOURS,
                                     DAMAGE-SUBSTANTIAL                                          500 IN TYPE, INSTRUMENT
       NAME OF AIRPORT - PLACERVILLE                                                             RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         PLACERVILLE,CA              LOCAL
       TYPE OF ACCIDENT
         COLLIDED WITH  ANIMALS                                PHASE OF OPERATION
                                                                 TAKEOFF  RUN
       PROBABLE CAUSE(S)
         MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
       REMARKS- DEER RAN INTO ACFT.

3-0947 5/25/79   SACRAMENTO,CA       MITSUBISHI MU2      CR- 0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 59, 7850
       TIME - 1515                   N312MA              PX- 0  0  6  BUSINESS                   TOTAL HOURS, 310 IN TYPE,
                                     DAMAGE-MINOR                                                INSTRUMENT RATED.
       NAME OF AIRPORT - SACRAMENTO EXEC
       DEPARTURE POINT             INTENDED DESTINATION
         CARSON CITY,NV              SACRAMENTO,CA
       TYPE OF ACCIDENT
         GEAR RETRACTED                                        PHASE OF OPERATION
                                                                 LANDING  ROLL
       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       FACTOR(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - PREVIOUS DAMAGE
       REMARKS- PLT STATED ACFT PROB HIT 7IN HOLE DURING PRIOR LNDG.

3-1099 5/25/79   SALINAS,CA          BELL 47-G2          CR- 0  0  1  COMMERCIAL                 COMMERCIAL, AGE 50, 7091
       TIME - 0545                   N68367              PX- 0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 6000 IN
                                     DAMAGE-SUBSTANTIAL                                          TYPE, NOT INSTRUMENT
       NAME OF AIRPORT - SALINAS                                                                 RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         SALINAS,CA                  LOCAL
       TYPE OF ACCIDENT
         COLLISION WITH GROUND/WATER  UNCONTROLLED             PHASE OF OPERATION
                                                                 IN FLIGHT  SURVEY FIELD/AREA
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
       REMARKS- NO CHEMICAL BEING CARRIED.
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FILE   DATE        LOCATION           AIRCRAFT DATA        INJURIES     FLIGHT                       PILOT DATA
                                                           F  S M/N     PURPOSE

3-1051 5/26/79   ORLEANS,CA           BEECH F33A           CR- 1 0 0  NONCOMMERCIAL                PRIVATE, AGE 49, 490
       TIME - 1235                    N6083S               PX- 2 0 0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, UNK/NR IN
                                      DAMAGE-DESTROYED                                             TYPE, INSTRUMENT RATED.
       NAME OF AIRPORT - PRIVATE
       DEPARTURE POINT              INTENDED DESTINATION
        UNKNOWN/NOT REPORTED         UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLIDED WITH  TREES                                     LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
         PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
       FIRE AFTER IMPACT


3-1194 5/27/79   VACAVILLE,CA         SCHWEIZER SGS233     CR- 0 1 0  NONCOMMERCIAL                STUDENT, AGE 21, 27 TOTAL
       TIME - 1230                    N5783S               PX- 0 0 0  PRACTICE                     HOURS, 1 IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - VACAVILLE GLIDER
       DEPARTURE POINT              INTENDED DESTINATION
        VACAVILLE,CA                 LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         UNDERSHOOT                                               LANDING  FINAL APPROACH
         COLLIDED WITH  FENCE,FENCEPOSTS                          LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
       FACTOR(S)
         PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
       REMARKS- CENTER LINE,WHEEL,RETRACT,LND GEAR.


3-0915 5/27/79  NR.ZENIA,CA           PIPER PA-28          CR- 0 0 1  NONCOMMERCIAL                STUDENT, AGE 46, 42 TOTAL
       TIME - 0930                    N8200N               PX- 0 0 0  PRACTICE                     HOURS, ALL IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - SHANNON
       DEPARTURE POINT              INTENDED DESTINATION         LAST ENROUTE STOP
        ORLAND,CA                    ORLAND,CA                    ZENIA,CA
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         OVERSHOOT                                                LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  FENCE,FENCEPOSTS                          LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
       REMARKS- HIT FENCE AT END OF RWY.
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BRIEFS OF ACCIDENTS

FILE | DATE | LOCATION | AIRCRAFT DATA | INJURIES F S M/N | FLIGHT PURPOSE | PILOT DATA

3-0959 5/28/79 FRESNO,CA
TIME - 1715
BEECH C23
N5289M
DAMAGE-SUBSTANTIAL
CR- 0 0 1 INSTRUCTIONAL
PX- 0 0 0 SOLO
STUDENT, AGE 43, 63 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SIERRA SKY PARK
DEPARTURE POINT
SALINAS,CA
INTENDED DESTINATION
FRESNO,CA
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

3-1048 5/28/79 FRESNO,CA
TIME - 1930
BEECH C-23
N2041L
DAMAGE-SUBSTANTIAL
CR- 0 0 1 NONCOMMERCIAL
PX- 0 0 3 PLEASURE/PERSONAL TRANSP
PRIVATE, AGE 36, 107 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SANTA CRUZ,CA
INTENDED DESTINATION
FRESNO,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
TERRAIN - OTHER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ACFT LNDD IN GRAPE VINYARD.ACFT SITE [illegible]

3-1055 5/30/79 LAKE TAHOE,CA
TIME - 1600
CESSNA 190
N63429
DAMAGE-SUBSTANTIAL
CR- 0 0 1 NONCOMMERCIAL
PX- 0 0 0 PLEASURE/PERSONAL TRANSP
COMMERCIAL, AGE 37, 3606 TOTAL HOURS, 135 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAKE TAHOE
DEPARTURE POINT
LOS ANGELES,CA
INTENDED DESTINATION
LAKE TAHOE,CA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES       FLIGHT                          PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1196  6/1/79     CHICO,CA             CESSNA 172            CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 21, 200
        TIME - 1200                     N13585                PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 90 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CHICO RANCHERO
        DEPARTURE POINT              INTENDED DESTINATION
          PALO ALTO,CA                 CHICO,CA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          TERRAIN - HIGH VEGETATION


3-1197  6/2/79     LOWER LAKE,CA        CESSNA 182            CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 39, 128
        TIME - 1630                     N9153K                PX-  0  0  2  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 5 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PEARCE FIELD
        DEPARTURE POINT              INTENDED DESTINATION
          LOWER LAKE,CA                LAKE TAHOE,CA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1195  6/3/79     JACKSON,CA           CESSNA T210           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 51, 865
        TIME - 2120                     N761DG                PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 281 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - WESTOVER FIELD
        DEPARTURE POINT              INTENDED DESTINATION
          SACRAMENTO,CA                JACKSON,CA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1056	6/3/79 TIME - 1600	RIVERSIDE,CA	PIPER PA-23 N3407P DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 67, 22055 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FLABOB
DEPARTURE POINT — RIVERSIDE,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT RPTD NUMBER 2 ENGINE FAILURE ON TAKEOFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1057	6/3/79 TIME - 1350	SANTA BARBARA,CA	CESSNA 180 N3401M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 51, 26 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SANTA BARBARA
DEPARTURE POINT — SANTA BARBARA,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION — OVERCAST
CEILING AT ACCIDENT SITE — 1000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 64
WIND DIRECTION-DEGREES — 180
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- GUST TO 13K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1000	6/5/79 TIME - 1930	SHAFTER,CA	CESSNA 180K N2806K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 750 TOTAL HOURS, 31 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHAFTER-KERN CNTY
DEPARTURE POINT — BAKERSFIELD,CA
INTENDED DESTINATION — LOCAL
LAST ENROUTE STOP — SHAFTER,CA
TYPE OF ACCIDENT
  HARD LANDING
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING: LEVEL OFF/TOUCHDOWN
  LANDING: ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
REMARKS- LEFT TIRE BLOWOUT,RIM BROKEN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1008	6/6/79 TIME - 1030	RIVERSIDE,CA	STARDUSTER A-300 N83749 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 5325 TOTAL HOURS, 900 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FLA-BOB
DEPARTURE POINT — RIVERSIDE,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING: ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
  PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  90
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  LEFT CROSS WIND 248-292 DEGREES
WIND DIRECTION-DEGREES
  10
TYPE OF FLIGHT PLAN
  NONE
REMARKS- WIND GUSTS TO 12 KNOTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1112	6/6/79 TIME - 2020	ARCATA,CA	BEDE BD4 N7GD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE UNK/NR, 279 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARCATA
DEPARTURE POINT — EUREKA,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  GEAR COLLAPSED
PHASE OF OPERATION
  IN FLIGHT: NORMAL CRUISE
  LANDING: ROLL

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE ACCESSORIES: OTHER
  MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ACCESSORY DRIVE GEAR,P/N 61155,LOOSE,KEY PIN & CENTER MOUNT BOLT SHEARED OFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0965	6/6/79 TIME - 0630	HANFORD,CA	CESSNA 188B N9157G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 50, 13000 TOTAL HOURS, 4300 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — HANFORD,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH: WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT: PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
  MISCELLANEOUS - SMOKE IN COCKPIT
  INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT: SPRAY,DUSTING EQUIPMENT

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 9999
  KIND OF CROP - COTTON
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - CROSSWIND
  KIND OF OPERATION - DUSTING CROPS
  TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 5200
  PROCEDURE TURNAROUND - THIRD 1/3 TURN
FIRE AFTER IMPACT
REMARKS- SULPHUR DUST FILLED COCKPIT,PLT COULDN'T SEE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1053	6/7/79 TIME - 1950	REEDLEY,CA	CESSNA 150 N10531 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 53, 33 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GREAT WESTERN
DEPARTURE POINT — REEDLEY,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
REMARKS- TAKEOFF PORTION OF TOUCH AND GO LANDING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1101	6/9/79 TIME - 1310	AGUA DULCE,CA	ERCO 415-C N87063 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, 413 TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - AGUA DULCE
DEPARTURE POINT — AGUA DULCE,CA
INTENDED DESTINATION — AGUA DULCE,CA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER: CONTROLLED
PHASE OF OPERATION
TAKEOFF: INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
40
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
WIND VELOCITY-KNOTS
18
TYPE OF FLIGHT PLAN
NONE

BRIEFS OF ACCIDENTS

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FILE    DATE         LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                     PILOT DATA
                                                              F  S M/N      PURPOSE
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3-0957  6/10/79    REDDING,CA         RAND ROBINS KR-2     CR-  0  0  1  NONCOMMERCIAL        COMMERCIAL, AGE 57, 1287
        TIME - 0910                   N1032A               PX-  0  0  0  PRACTICE             TOTAL HOURS, 1 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                      NOT INSTRUMENT RATED.
        NAME OF AIRPORT - REDDING MUNICIPAL
        DEPARTURE POINT              INTENDED DESTINATION
          REDDING,CA                  LOCAL
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          WHEELS-UP                                             LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
          PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
        REMARKS- EXPERIMENTAL AIRCRAFT POWERED BY A VOLKSWAGON ENGINE.


3-0958  6/12/79    CHICO,CA           CESSNA 150           CR-  0  0  1  INSTRUCTIONAL        STUDENT, AGE 31, 197
        TIME - 1415                   N67525               PX-  0  0  0  SOLO                 TOTAL HOURS, ALL IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                      NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CHICO
        DEPARTURE POINT              INTENDED DESTINATION
          MEDFORD,OR                  CHICO,CA
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                         LANDING  FINAL APPROACH
          GEAR COLLAPSED                                        LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1142	6/14/79 TIME - 1800	GUALALA,CA	CESSNA 150 N7714F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 58, 3039 TOTAL HOURS, 261 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OCEANRIDGE
DEPARTURE POINT: LITTLE RIVER,CA
INTENDED DESTINATION: GUALALA,CA
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; NOSE OVER/DOWN
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
WEATHER - SUDDEN WINDSHIFT
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES: 250
WIND VELOCITY-KNOTS: 25
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- SUDDEN SEVERE CROSSWIND ROLLED ACFT OVER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1049	6/15/79 TIME - 0820	NR.NAPA,CA	BELL OH-13H N51849 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 32, 3900 TOTAL HOURS, 225 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: NAPA,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1500
KIND OF OPERATION - DUSTING CROPS
KIND OF CROP - GRAPES
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
PILOT'S SEAT BELT - FASTENED-PROPERLY
GLOVES - USED
GOGGLES - NOT USED
CRASH HELMET - AVAILABLE USED
COCKPIT CRASHPAD - NOT INSTALLED
CRASH BAR - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
TERRAIN-TYPE - MOUNTAINOUS
ELEVATION-AREA BEING TREATED-FEET - 600
SWATH RUN-HOW FLOWN - WIND CALM
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0977	6/21/79 TIME - 1827	SANTA BARBARA,CA	BEECH 19 N4344W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 27, 692 TOTAL HOURS, 523 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SANTA BARBARA
DEPARTURE POINT — SANTA BARBARA,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
DUAL STUDENT - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1054	6/22/79 TIME - 1240	SANTA ROSA,CA	PIPER PA-38 N2323L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 29, 70 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SONOMA CO
DEPARTURE POINT — REDBLUFF,CA
INTENDED DESTINATION — SANTA ROSA,CA
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; NOSE OVER/DOWN
PHASE OF OPERATION — LANDING FINAL APPROACH; LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION OTHER
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- TWO OTHER ACFT SERVICED BY SAME STORAGE TANKS EXPERIENCED POWER LOSS DUE TO WATER IN FUEL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1052	6/22/79 TIME - 0850	BURBANK,CA	PIPER PA-32 N4106R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 33, 2100 TOTAL HOURS, 181 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BURBANK
DEPARTURE POINT: HAWTHORNE,CA
INTENDED DESTINATION: BURBANK,CA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - IGNITION SYSTEM MAGNETOS
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- BROKEN FLYWEIGHT WENT INTO DRIVING GEAR OF CRANKSHAFT DISABLING THE ENGINE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1192	6/22/79 TIME - 2012	DAGGETT,CA	DOUGLAS DC-7C N357AL DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 4 0	MISCELLANEOUS OTHER	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - BARSTOW DAGGETT
DEPARTURE POINT: DAGGETT,CA
LAST ENROUTE STOP: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - FUEL GRADE-IMPROPER
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- 2981LBS OVER MAX G/W.NO 3&4 ENGS SHOWED SEVERE DETONATION DMG.FUELED W 100 UCI.SMUGGLING OPN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0914	6/24/79 TIME - 1415	NAPA,CA	BEECH F-35 N3354C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 900 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NAPA
DEPARTURE POINT: RED BLUFF,CA
INTENDED DESTINATION: CONCORD,CA
LAST ENROUTE STOP: NAPA,CA
TYPE OF ACCIDENT
  COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
  STATIC STARTING ENGINE(S)

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER STARTING PROCEDURES
REMARKS- SUB DMG TO PA-28-161 AND CESSNA C-206,83360.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-1193  7/1/79   NR.CHINESE CAMP,CA   BEECH C23          CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 55, 789
        TIME - 0845                   N5244M             PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 90 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          OAKDALE,CA                  OAKDALE,CA.
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  WIRES/POLES                              LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
        REMARKS- PLT STATED SLOW FLYING USING 40% PWR WHEN ENG LOST PWR.


3-1003  2/1/79      CRAIG,CO          SWEARINGEN SA26T   CR-  0  0  1  COMMERCIAL
        TIME - 1020                   N1198S             PX-  0  0  2  AIR TAXI-PASSG               AIRLINE TRANSPORT, AGE
                                      DAMAGE-SUBSTANTIAL                                            32, 4070 TOTAL HOURS, 450
                                                                                                    IN TYPE, INSTRUMENT
        NAME OF AIRPORT - CRAIG MOFFATT                                                             RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          DENVER,CO                   HAYDEN,CO
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  SNOWBANK                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SNOW ON RUNWAY
          MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT


3-0935  2/10/79    SILVER CLIFF,CO    PIPER PA-24        CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 42, 614
        TIME - 1515                   N6428P             PX-  0  0  2  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 10 IN TYPE,
                                      DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SILVER CLIFF
        DEPARTURE POINT             INTENDED DESTINATION
          SILVER CLIFF,CO             LA JUNTA,CO
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          STALL  MUSH                                             TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0936	4/4/79 TIME - 1640	SALIDA,CO	CESSNA 172 N75747 DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 31, 81 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LITTLETON
DEPARTURE POINT — ARAPAHOE,CO
INTENDED DESTINATION — SALIDA,CO
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0937	5/6/79 TIME - 0900	FT COLLINS,CO	BARNES AX-7 N4037J DAMAGE-NONE	CR- 0 0 1 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 30, 50 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — FT COLLINS,CO
INTENDED DESTINATION — FT COLLINS,CO
TYPE OF ACCIDENT
  HARD LANDING
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  CLEAR
CEILING AT ACCIDENT SITE
  UNLIMITED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  215
WIND VELOCITY-KNOTS
  20
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  NONE
REMARKS- WINDS CALM AT TIME OF TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0943	6/1/79 TIME - 1356	BROOMFIELD,CO	CESSNA 150L N19077 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 27, 21 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROOMFIELD
DEPARTURE POINT — BROOMFIELD,CO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0941	6/12/79 TIME - 1010	NR.EADS,CO	PIPER PA25 N6496Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 25, 1837 TOTAL HOURS, 290 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — EADS,CO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT EN ROUTE TO TREAT CROP

PROBABLE CAUSE(S)
  PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 1000
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 4200
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE-NOT USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - ROLLING
  SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- PLT STATED DISTRACTED BY MALF OF AUTOFLAGGER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0942	6/14/79 TIME - 0547	NR.TWO BUTTES,CO	PIPER PA-25 N82534 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 494 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
TWO BUTTES,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 500
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 4000
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UPWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0938	6/16/79 TIME - 1535	FALCON,CO	SCHWEIZER I-26 N7749S DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 16 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEADOWLAKE
DEPARTURE POINT
FALCON,CO
INTENDED DESTINATION
FALCON,CO
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0922	6/19/79 TIME - 1030	GREELEY,CO	CESSNA 150 N8995V DAMAGE-NONE	CR- 0 0 1 PX- 0 0 0 OT- 0 1 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 25, 15 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WELD COUNTY MUNI
DEPARTURE POINT
GREELEY,CO
INTENDED DESTINATION
GREELEY,CO
TYPE OF ACCIDENT
PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION
STATIC STARTING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER STARTING PROCEDURES
REMARKS- PROPELLER HIT ARM OF MAN ATTEMPTING TO START AIRCRAFT.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                                F  S M/N     PURPOSE

3-0908  7/9/79    NR.CENTER,CO            BALLOON WKS FF-8     CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 32, 243
        TIME - 0735                       N40434               PX-  0  1  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 24 IN TYPE,
                                           DAMAGE-MINOR                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         CENTER,CO                        LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT-IMPROPER LANDING TECHNIQUE
          WEATHER - SUDDEN WINDSHIFT
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          BROKEN                                                   25000
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                     NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TEMPERATURE-F
          NONE                                                     55
        WIND DIRECTION-DEGREES                                   WIND VELOCITY-KNOTS
          250                                                      12
        TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
          VFR                                                      NONE
        REMARKS- BALLOON-NO MED CERT REQD.WIND GUST TO 17 KTS.

3-1173  2/11/79  NR.PLYMOUTH,FL           AMER AVCO AA-5B      CR-  1  0  0  NONCOMMERCIAL                COMMERCIAL, FL.INSTR.,
        TIME - 1825                       N28671               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     AGE 23, 544 TOTAL HOURS,
                                          DAMAGE-DESTROYED                                                3 IN TYPE, INSTRUMENT
                                                                                                          RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         PLYMOUTH,FL                      LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        REMARKS- LEAD ACFT OF 3 PLANES ENGAGED IN TAIL CHASE.ATTEMPTED TURN AT ALT INSUFFICIENT FOR WGTP CLEARANCE.

3-1059  2/13/79     NAPLES,FL             CESSNA 177B          CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 54, 46 TOTAL
        TIME - 1300                       N1406C               PX-  0  0  0  TRAINING                     HOURS, 34 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - NAPLES MUNICIPAL
        DEPARTURE POINT                 INTENDED DESTINATION
         NAPLES,FL                        LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1061	2/22/79 TIME - 1340	NR.OPA LOCKA,FL	CESSNA 177 N34583 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 148 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MIAMI,FL
INTENDED DESTINATION
BELL GROVE,FL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT STATED HE WAS FLYING W RT WING LOW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1064	3/9/79 TIME - 2004	ORLANDO,FL	BEECH C-23 N18957 DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 22, 1355 TOTAL HOURS, 84 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HERNDON
DEPARTURE POINT
ORLANDO,FL
INTENDED DESTINATION
RETURN
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FUEL SEL FOUND IN L OFF POSITION,4 POSITION SEL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1044	3/19/79 TIME - 0423	NR.ARCADIA,FL	BEECH 65 N70GC DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	MISCELLANEOUS OTHER	COMMERCIAL, AGE 35, 3400 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
UNKNOWN/NOT REPORTED
INTENDED DESTINATION
ARCADIA,FL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL MUSH
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- MARIJUANA STAKEOUT.

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FILE   DATE       LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                            F  S M/N     PURPOSE

3-1062 3/21/79  NR.ORMOND BEACH,FL    PIPER PA-28          CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 23, 351
       TIME - 1820                    N9589W               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 95 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - ORMOND BEACH MUNI
       DEPARTURE POINT               INTENDED DESTINATION
        ORMOND BEACH,FL                LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  NORMAL CRUISE
         COLLISION WITH GROUND/WATER  CONTROLLED                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       REMARKS- FUEL SEL ON L TANK,TANK EMPTY.R TANK FULL.


3-1002 3/28/79    OPA LOCKA,FL        BEECH A36            CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 37, 99 TOTAL
       TIME - 1045                    N33AA                PX-  0  0  0  SOLO                         HOURS, 63 IN TYPE, NOT
                                      DAMAGE-DESTROYED                                                INSTRUMENT RATED.
       NAME OF AIRPORT - OPA LOCKA
       DEPARTURE POINT               INTENDED DESTINATION
         OPA LOCKA,FL                  LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       FIRE AFTER IMPACT
       REMARKS- PAX DOOR OPENED DRG LIFTOFF.


3-1172 4/3/79   NR.NAPLES,FL          PIPER PA-28          CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 50, 85 TOTAL
       TIME - UNK/NR                  N2181P               PX-  2  0  0  BUSINESS                     HOURS, UNK/NR IN TYPE,
                                      DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         MIAMI,FL                      SARASOTA,FL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                            IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- WRECKAGE FOUND 4/4/79.GENERAL DISINTEGRATION.
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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                          PILOT DATA
                                                                F  S M/N      PURPOSE

3-1171 4/11/79  NR.MARATHON,FL          AMER AVCO AA-5       CR-  1  0  0  NONCOMMERCIAL                AIRLINE TRANSPORT, AGE
       TIME - 1830                      N7373L               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    50, 13000 TOTAL HOURS,
                                        DAMAGE-DESTROYED                                                UNK/NR IN TYPE, INSTRU-
                                                                                                        MENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         FT LAUDERDALE,FL              MARATHON,FL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL                                                     IN FLIGHT  BUZZING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       REMARKS- PRESCRIPTION DRUGS-DESIPRAMINE & CHLORAZEPATE-FOUND ON PLT.


3-1063 4/11/79     FT.LAUDERDALE,FL     CESSNA 150           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 45, 275
       TIME - 0345                      N3231X               PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 150 IN TYPE,
                                        DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - FT.LAUDERDALE
       DEPARTURE POINT                INTENDED DESTINATION
         OPA LOCKA,FL                   RETURN
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             LANDING  FINAL APPROACH
         COLLIDED WITH  WIRES/POLES                                LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - BECAME LOST/DISORIENTED
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1094 4/15/79  NR.BOCA RATION,FL       BEECH 58             CR-  2  0  0  NONCOMMERCIAL                ATP,FLIGHT INSTR., AGE
       TIME - 0920                      N20SB                PX-  0  0  0  PLEASURE/PERSONAL TRANSP    59, 17415 TOTAL HOURS,
                                        DAMAGE-DESTROYED                                                UNK/NR IN TYPE, INSTRU-
                                                                                                        MENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
        BOCA RATION,FL                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL  SPIN                                               IN FLIGHT  OTHER

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL  INADEQUATE FLIGHT TRAINING-PROCEDURES
       REMARKS- EVIDENCE POINTS TO ENG OUT VMC MANEUVERS.NO ACFT OR ENG MALFUNCTION FOUND.FLAT SPIN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1170	5/13/79 TIME - 1300	NR.BONITA SPRINGS,FL	AERO CMDR 100 N5562M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL OTHER	PRIVATE, AGE 24, 314 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CITRUS PARK
DEPARTURE POINT — BONITA SPRINGS,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
AIRFRAME BUFFET

REMARKS- PARACHUTE SKYDIVING.ACFT WAS 243.8LBS OVER MGW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1060	5/15/79 TIME - 0900	ASTATULO,FL	PIPER PA-36 N3683E DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 36, 5436 TOTAL HOURS, 1482 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FRANK'S FARM
DEPARTURE POINT — ASTATULO,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1482
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 65
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1186	5/19/79 TIME - 1840	MELBOURNE,FL	PIPER PA-28 N38729 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 19, 17 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MELBOURNE REGNL
DEPARTURE POINT — MELBOURNE,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING; STALL
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1187	5/22/79 TIME - 1030	BARTOW,FL	PIPER PA-36 N44465 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 46, 1584 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BARTOW MUNICIPAL
DEPARTURE POINT — BARTOW,FL
INTENDED DESTINATION — RETURN
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; GEAR COLLAPSED
PHASE OF OPERATION — LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0969	5/26/79 TIME - 1340	TAMPA,FL	BRANTLEY B-2B N22824 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 2936 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE HELIPORT
DEPARTURE POINT — TAMPA,FL
INTENDED DESTINATION — SARASOTA,FL
TYPE OF ACCIDENT — ROLL OVER
PHASE OF OPERATION — TAKEOFF VERTICAL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - WET,SOFT GROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0975	5/27/79 TIME - 1530	MELBOURNE,FL	LIVINGSTON SPECL N11BQ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 700 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MELBOURNE
DEPARTURE POINT — MELBOURNE,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

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FILE   DATE         LOCATION            AIRCRAFT DATA        INJURIES    FLIGHT                         PILOT DATA
                                                              F  S M/N   PURPOSE

3-0976 5/29/79    ARCHER,FL            PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 23, 222
       TIME - 1825                     N9276C               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 3 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         GAINESVILLE,FL                ARCHER,FL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         UNDERSHOOT                                                LANDING  FINAL APPROACH
         COLLIDED WITH  WIRES/POLES                                LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS


3-1154 6/10/79    JACKSONVILLE,FL      BEDE BD-5A           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 45, 500
       TIME - 1130                     N87921               PX-  0  0  0  OTHER                      TOTAL HOURS, 0 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - HERLONG
       DEPARTURE POINT               INTENDED DESTINATION
         JACKSONVILLE,FL               LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE  PROPELLER                        TAKEOFF  INITIAL CLIMB
         COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         POWERPLANT - PROPELLER AND ACCESSORIES  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
       REMARKS- FIRST FLIGHT.DRIVE COUPLING CEASED TRANSMITTING POWER TO PROPELLER


3-0970 4/19/79    WARNER ROBINS,GA     AERONCA 11BC         CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 25, 200
       TIME - 1800                     N86054               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 75 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - WARNER ROBINS
       DEPARTURE POINT               INTENDED DESTINATION
         WARNER ROBINS,GA              LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL                                                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
       REMARKS- SIMULATED ENG OUT LDG-OVERSHOT RWY-STALLED TURNING BACK.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1182	5/6/79 TIME - 1548	SPRINGFIELD,GA	CESSNA 150 N6298T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 59, 59 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: SPRINGFIELD,GA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT:
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH CROP
PHASE OF OPERATION:
LANDING GO-AROUND
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1065	5/12/79 TIME - 1030	ATHENS,GA	LUSCOMBE 8E N1896K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 1012 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ATHENS MUNICIPAL
DEPARTURE POINT: ATHENS,GA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT:
NOSE OVER/DOWN
PHASE OF OPERATION:
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
REMARKS- ACFT NOSED OVER WHEN PLT APPLIED BRAKES ON LOG ROLL

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1066	5/15/79 TIME - 1530	NR.WARNER ROBINS,GA	PITTS SPEC S-1 N42R DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 38, 8000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: WARNER ROBINS,GA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT:
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION:
IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE

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FILE    DATE           LOCATION              AIRCRAFT DATA        INJURIES       FLIGHT                                  PILOT DATA
                                                                  F  S M/N      PURPOSE

3-1067  6/16/79    WILLIAMSON,GA          SCHWEIZER SGU222   CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 29, 425
        TIME - 1720                       N5822V             PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 4 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PEACH STATE
        DEPARTURE POINT              INTENDED DESTINATION
          WILLIAMSON,GA                BIRMINGHAM,AL
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          COLLIDED WITH  PARKED AIRCRAFT                        TAKEOFF  OTHER

        PROBABLE CAUSE(S)
          MISC-TOW RELEASED ON TKOF FOR UNDET REASON.
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- COLLIDED WITH PARKED SGS1-26,N2513H,SUB DMG.


3-1077  5/23/79  NR.LIHUE,HI              HILLER ACFT UH-12E CR-  0  0  1  COMMERCIAL                   COMMERCIAL, FL.INSTR.,
        TIME - 1400                       N155HA             PX-  0  0  0  ASSOC CROP CTL ACTIVITY     AGE 30, 5649 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                            1002 IN TYPE, INSTRUMENT
                                                                                                        RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         LIHUE,HI                      LOCAL
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                            IN FLIGHT  EN ROUTE TO RELOADING AREA

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - DUSTING CROPS
          KIND OF CROP - OTHER                                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                         CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - SIDES                             ELEVATION-AREA BEING TREATED-FEET -  500
        REMARKS- HIT PWR LINES.DUSTING SUGAR CANE.


3-1011  6/25/79  NR.MAUI,HI               PIPER PA-28        CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 27, UNK/NR
        TIME - 2058                       N30775             PX-  1  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, UNK/NR IN
                                          DAMAGE-DESTROYED                                              TYPE, NOT INSTRUMENT
                                                                                                        RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          HANA,MAUI,HI                UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED               UNKNOWN/NOT REPORTED

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        REMARKS- INJURY INDEX AND DAMAGE PRESUMED.ACFT OBSERVED DESCENDING RAPIDLY INTO WATER.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1026	5/25/79 TIME - 1230	DRIGGS,ID	CESSNA 180 N224H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 405 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DRIGGS
DEPARTURE POINT — RIGBY,ID
INTENDED DESTINATION — DRIGGS,ID
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0920	5/25/79 TIME - 1950	NR.KAMIAH,ID	BOEING 875N1 N65573 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 28, 1474 TOTAL HOURS, 640 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — NEZ PERCE,ID
INTENDED DESTINATION — NEZ PERCE,ID
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 640
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED
ELEVATION-AREA BEING TREATED-FEET - 3100
FIRE AFTER IMPACT
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
GLOVES - NOT USED
CRASH HELMET - NOT AVAILABLE
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - MOUNTAINOUS
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1165	6/10/79 TIME - 1200	NR.SALMON,ID	CESSNA 150 N2269J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 23, 105 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — SALMON,ID
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

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FILE     DATE          LOCATION           AIRCRAFT DATA          INJURIES    FLIGHT                          PILOT DATA
                                                                 F  S M/N    PURPOSE

3-1098  6/11/79    HAILEY,ID           CESSNA T210L          CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 48, 2125
        TIME - 1700                    N51020                PX-  0  2  2  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 787 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          SALMON,ID                    HAILEY,ID
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
          TERRAIN - WET,SOFT GROUND
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1160  7/3/79   NR.LEWISTON,ID        GRUMMAN G-164A        CR-  0  1  0  COMMERCIAL                   COMMERCIAL, AGE 22, 2119
        TIME - 0800                    N25SK                 PX-  0  0  0  ASSOC CROP CTL ACTIVITY      TOTAL HOURS, 1400 IN
                                       DAMAGE-SUBSTANTIAL                                              TYPE, NOT INSTRUMENT
                                                                                                       RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         LEWISTON,ID                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  EN ROUTE TO TREAT CROP

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - MISJUDGED ALTITUDE
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
          WEATHER - DOWNDRAFT,UPDRAFTS
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   WIND DIRECTION-DEGREES
          NONE                                                      90
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          10                                                        VFR
        TYPE OF FLIGHT PLAN
          NONE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  250                        KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - PEAS                                       TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                  GLOVES - USED
          GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                              CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                   ELEVATION-AREA BEING TREATED-FEET -  2300
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FILE     DATE         LOCATION          AIRCRAFT DATA       INJURIES     FLIGHT                       PILOT DATA
                                                             F  S M/N     PURPOSE

3-1175  7/10/79    CHALLIS,ID           CESSNA 182D        CR-  0  1  0  NONCOMMERCIAL               COMMERCIAL, AGE 27, 842
        TIME - 0645                     N3158Y             PX-  0  1  0  AERIAL SURVEY               TOTAL HOURS, 250 IN TYPE,
                                        DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          CHALLIS,ID                   LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        FIRE AFTER IMPACT
        REMARKS- GAME SURVEY.


3-1025  7/14/79  NR.BELLEVUE,ID         PIPER PA-38        CR-  1  0  0  INSTRUCTIONAL               STUDENT, AGE 16, 32 TOTAL
        TIME - 1025                     N9320T             PX-  0  0  0  SOLO                        HOURS, ALL IN TYPE, NOT
                                        DAMAGE-DESTROYED                                             INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          HAILEY,ID                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          STALL  SPIN                                               IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        REMARKS- ERRATIC MANEUVERS AT LOW ALTITUDE.
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best copy available

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FILE    DATE        LOCATION         AIRCRAFT DATA       INJURIES       FLIGHT                        PILOT DATA
                                                          F  S M/N      PURPOSE

3-1133  3/19/79   DEKALB,IL           PIPER PA-32        CR- 1  0  0   NONCOMMERCIAL                PRIVATE, AGE 23, 192
        TIME - 0130                   N4047R             PX- 5  0  0   PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 18 IN TYPE,
                                      DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - DEKALB MUNI
        DEPARTURE POINT             INTENDED DESTINATION         LAST ENROUTE STOP
          DAUPHIN IS,AL               DEKALB,IL                    PADUCAH,KY
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - FOG
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          OVERCAST                                                 200
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          1 MILE OR LESS                                           DRIZZLE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TYPE OF WEATHER CONDITIONS
          FOG                                                      IFR
        TYPE OF FLIGHT PLAN
          NONE


3-1132  4/2/79     PEKIN IL           HUGHES 369D        CR- 0  0  1   COMMERCIAL                   ATP,FLIGHT INSTR., AGE
        TIME - 1456                   N8629F             PX- 1  0  0   MAPPING/PHOTO                40, 6484 TOTAL HOURS,
                                      DAMAGE-SUBSTANTIAL                                            1410 IN TYPE, NOT INSTRU-
        DEPARTURE POINT             INTENDED DESTINATION                                            MENT RATED.
          SPRING BOY,IL               LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        REMARKS- PIC INTENTIONALLY ATTEMPTED FLT UNDER PWR LINES.


3-1134  4/28/79    LANSING,IL         CESSNA 172N        CR- 0  0  1   NONCOMMERCIAL                PRIVATE, AGE 19, 79 TOTAL
        TIME - 1931                   N733YX             PX- 0  0  1   PLEASURE/PERSONAL TRANSP     HOURS, 20 IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - LANSING
        DEPARTURE POINT             INTENDED DESTINATION
          LANSING,IL                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 TAKEOFF  RUN
          COLLIDED WITH  DITCHES                                   TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1058	3/9/79 TIME - 0920	NR.LAPORTE,IN	PIPER PA-28 N55001 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 435 TOTAL HOURS, 338 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAPORTE MUNICIPAL
DEPARTURE POINT — ANN ARBOR, MI
INTENDED DESTINATION — LAPORTE,IN
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
WEATHER - LOW CEILING
WEATHER - SNOW
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

SKY CONDITION
OBSCURATION
VISIBILITY AT ACCIDENT SITE
3/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
BLOWING SNOW
WIND DIRECTION-DEGREES
210
TYPE OF WEATHER CONDITIONS
IFR
CEILING AT ACCIDENT SITE
400
PRECIPITATION AT ACCIDENT SITE
SNOW
TEMPERATURE-F
35
WIND VELOCITY-KNOTS
8
TYPE OF FLIGHT PLAN
IFR
REMARKS- CIRCLING TO LAND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1183	4/5/79 TIME - 1510	PORTLAND,IN	CESSNA 421 N8410G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	ATP,FLIGHT INSTR., AGE 32, 5000 TOTAL HOURS, 560 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - STEED FIELD
DEPARTURE POINT
YOUNGSTOWN,OH
INTENDED DESTINATION
PORTLAND,IN
TYPE OF ACCIDENT
OVERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
56
WIND VELOCITY-KNOTS
35
TYPE OF FLIGHT PLAN
IFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES
225
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- OCCASIONAL GUSTS TO 40KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0972	4/14/79 TIME - 1135	ELKHART,IN	PIPER PA-22 N2340P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	PRIVATE, AGE 56, 120 TOTAL HOURS, 46 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MISHAWAKA
DEPARTURE POINT: ELKHART,IN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: SCATTERED
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES: 300
WIND VELOCITY-KNOTS: 14
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- FERRY FLIGHT.WINDS GUSTY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1174	4/17/79 TIME - 1506	VEEDERSBURG,IN	PIPER PA-28 N6347J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1 OT- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 27, 309 TOTAL HOURS, 296 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: PERRYSVILLE IN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - NO CONTROL
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
TRAFFIC ADVISORY ISSUED - NONE
CONTROL ZONE/AREA - NO
EVASIVE ACTION TAKEN - NO
ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN
REMARKS- FORMATION FLIGHT.LANDED OK.

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FILE     DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1174  4/17/79    VEEDERSBURG,IN         PIPER PA-28          CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 18, 166
        TIME - 1506                        N1895T               PX-  1  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, ALL IN TYPE,
                                           DAMAGE-DESTROYED     OT-  0  0  2                               NOT INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
          SPERRYSVILLE,IN                  LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                       IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT-FAILED TO MAINTAIN ADEQUATE SEPARATION

        SPECIAL DATA
          SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
          CONTROLLING AGENCY - NO CONTROL                          RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
          TRAFFIC ADVISORY ISSUED - NONE                           CONTROL ZONE/AREA - NO
          EVASIVE ACTION TAKEN - NO
        FIRE AFTER IMPACT


3-1075  4/17/79  NR.FISHERS,IN            BEECH C-23           CR-  0  1  0  NONCOMMERCIAL                COMMERCIAL, AGE 56, 711
        TIME - 1950                        N2064L               PX-  0  1  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 7 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - INDIANAPOLIS METR
        DEPARTURE POINT                  INTENDED DESTINATION
          INDIANAPOLIS,IN                  FISHERS,IN
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          UNDERSHOOT                                                    LANDING  FINAL APPROACH
          COLLIDED WITH  TREES                                          LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS


3-1127  5/17/79    WESTFIELD,IN           BELL 47J2            CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 57, 14150
        TIME - 0745                        N51711               PX-  0  0  0  BUSINESS                     TOTAL HOURS, 204 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WESTFIELD
        DEPARTURE POINT                  INTENDED DESTINATION
          WESTFIELD,IN                     LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  TAIL ROTOR                           IN FLIGHT  NORMAL CRUISE
          HARD LANDING                                                  LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM  TAIL ROTOR DRIVE SHAFT ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- MISSING SNAP RING IN DRIVE COUPLING AT FIRST STATION AFT OF MAIN TRANSMISSION.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1081	3/23/79 TIME - 2053	CEDAR RAPIDS,IA	BEECH E18S N201GW DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 37, 7257 TOTAL HOURS, 170 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CEDAR RAPIDS MUNI
DEPARTURE POINT: CEDAR RAPIDS,IA
INTENDED DESTINATION: SPRINGFIELD,IL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  STALL MUSH
PHASE OF OPERATION
  TAKEOFF RUN
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - EXERCISED POOR JUDGMENT
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
  PILOT IN COMMAND - PHYSICAL IMPAIRMENT
  MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY
  WEATHER - SNOW
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OBSCURATION
CEILING AT ACCIDENT SITE
  500
VISIBILITY AT ACCIDENT SITE
  2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
  SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
RELATIVE BEARING OF WIND
  HEAD WIND 338-022 DEGREES
TEMPERATURE-F
  34
WIND DIRECTION-DEGREES
  330
WIND VELOCITY-KNOTS
  22
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  IFR
FIRE AFTER IMPACT
REMARKS- 2IN SLUSH & SNOW ON RWY.PLT BLOOD ALCOHOL LEVEL .035%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1185	5/26/79 TIME - 1055	CRESTON,IA	ERCO 415-C N2916H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 207 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CRESTON
DEPARTURE POINT
KEWANEE,IL
INTENDED DESTINATION
SHENANDOAH,IA
LAST ENROUTE STOP
CRESTON,IA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
280
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
NONE
REMARKS- WND GUSTS 30KTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1184	6/6/79 TIME - 1800	CEDAR RAPIDS,IA	GRUMMAN AA-5A N98140 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	MISCELLANEOUS FERRY	PRIVATE, AGE 24, 67 TOTAL HOURS, 49 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GREENCASTLE
DEPARTURE POINT
CEDAR RAPIDS,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
210
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE
REMARKS-COLLIDED W GUY WIRES NEAR DEP END OF RWY.WND GUSTING 20 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1087	6/22/79 TIME - 1630	OELWEIN,IA	CESSNA 177 N34631 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 183 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OELWEIN MUNICIPAL
DEPARTURE POINT — INTENDED DESTINATION
OELWEIN,IA — LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0980	5/14/79 TIME - 1030	DERBY,KS	CESSNA 150 N11445 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 27, 550 TOTAL HOURS, 175 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - COOK AIRFIELD
DEPARTURE POINT — INTENDED DESTINATION
DERBY,KS — LOCAL
TYPE OF ACCIDENT
HARD LANDING

PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
DUAL STUDENT - IMPROPER LEVEL OFF
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0952	5/23/79 TIME - 1800	FT LEAVENWORTH,KS	CESSNA 150 N5545G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 34, 573 TOTAL HOURS, 58 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SHERMAN AAF
DEPARTURE POINT — INTENDED DESTINATION
FT LEAVENWORTH,KS — LOCAL
TYPE OF ACCIDENT
STALL

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

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FILE   DATE         LOCATION            AIRCRAFT DATA         INJURIES        FLIGHT                               PILOT DATA
                                                               F  S M/N       PURPOSE

3-1200 5/31/79    GOODLAND,KS          GLOBE GC1B            CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 33, 418
       TIME - 1650                     N80883                PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 22 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         GOODLAND,KS                   LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
         GEAR COLLAPSED                                             LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         TERRAIN - WET,SOFT GROUND
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- FORCE LANDED IN PLOWED FLD.


3-1141 6/2/79     YATES CENTER,KS      CALLAIR A-9B          CR-  1  0  0  COMMERCIAL                  COMMERCIAL, AGE 51, 2500
       TIME - 1815                     N7766V                PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, UNK/NR IN
                                       DAMAGE-SUBSTANTIAL                                              TYPE, NOT INSTRUMENT
                                                                                                       RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         MORAN,KS                      YATES CENTER,KS
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED        KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - GRAIN FIELDS                               TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         GLOVES - NOT USED                                         GOGGLES - NOT USED
         CRASH HELMET - AVAILABLE-NOT USED                         COCKPIT CRASHPAD - NOT INSTALLED
         CRASH BAR - INSTALLED                                     TANK/HOPPER-LOCATION - FORWARD OF PILOT
         TERRAIN-TYPE - LEVEL,FLAT                                 ELEVATION-AREA BEING TREATED-FEET -  1150
         SWATH RUN-HOW FLOWN - CROSSWIND


3-0950 6/2/79     RICHMOND,KS          PIPER J3C-65          CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 31, 282
       TIME - 1830                     N24905                PX-  0  0  0  PRACTICE                    TOTAL HOURS, 4 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
       NAME OF AIRPORT - COCHRAN PRIVATE
       DEPARTURE POINT               INTENDED DESTINATION
         RICHMOND,KS                   LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE
       REMARKS- PILOT WAS PRACTICING SPRAYING IN PREP FOR CERTIFICATION.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1143	6/5/79 TIME - 1645	HOPE,KS	PIPER PA-28 N7006C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 49 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KOHMAN AIRSTRIP
DEPARTURE POINT — HOPE,KS
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 86
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- GRASS STRIP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1129	6/6/79 TIME - 1830	MANHATTAN,KS	CESSNA 340 N512SK DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 58, 13000 TOTAL HOURS, 1920 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MANHATTAN MUNI
DEPARTURE POINT — ABILENE,KS
INTENDED DESTINATION — TOPEKA,KS
TYPE OF ACCIDENT — WHEELS-UP
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
  MISCELLANEOUS ACTS,CONDITIONS - MISSING
REMARKS- GEAR BOX AN4-43A CENTER PIVOT BOLT IMPROPERLY INSTALLED.NO RECORD OF MAINTENANCE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1103	6/17/79 TIME - 1415	WELLINGTON,KS	PIPER PA-28 N7633F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 50, 77 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WELLINGTON MUNI
DEPARTURE POINT — WELLINGTON,KS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING ROLL
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WND GUSTS 20KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1091	6/17/79 TIME - 0716	MOSCOW,KS	GRUMMAN G-164A N8842H DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 40, 8800 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MOSCOW MUN
DEPARTURE POINT — MOSCOW,KS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 4000
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 3050
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- STRUCK PWR LINE,DISPENSING BEXTON & ATRAZINE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0925	6/23/79 TIME - 1000	GREAT BEND,KS	PIPER PA-18 N74990 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 66, 23700 TOTAL HOURS, 8000 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GREAT BEND,KS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH ELECTRONIC TOWERS
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 6050
KIND OF CROP - GRAIN FIELDS
GLOVES - USED
CRASH HELMET - NOT AVAILABLE
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
ROLLING
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - BELLY
ELEVATION-AREA BEING TREATED-FEET - 2000
PROCEDURE TURNAROUND - THIRD 1/3 TURN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1199	6/26/79 TIME - 0715	HILLSDALE,KS	MOONEY M20A N6072X DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 32, 1821 TOTAL HOURS, 39 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
OLATHE,KS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE OTHER
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- CRANKSHAFT GEAR LOCKING PLATE BROKE.ATTACHING BOLT LOOSENED.DOWEL PIN SHEARED.ENGINE FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1038	4/27/79 TIME - 2105	CYNTHIANA,KY	PIPER PA-28 N39939 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL CTR PASSG-D	COMMERCIAL, FL.INSTR., AGE 23, 495 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HARRISON COUNTY
DEPARTURE POINT: CYNTHIANA,KY — INTENDED DESTINATION: TOLEDO,OH
TYPE OF ACCIDENT: COLLIDED WITH TREES — PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
TERRAIN - HIGH OBSTRUCTIONS
FIRE AFTER IMPACT
REMARKS- NIGHT DNWIND TKOF.15-20KT WIND. 50LB DOBERMAN IN FRONT SEAT. STRUCK 50FT TREES 2000FT FM RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1108	5/5/79 TIME - 1755	ALBANY,KY	CESSNA 172A N7687T DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 78 TOTAL HOURS, 33 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SPRING CREEK
DEPARTURE POINT: MADISONVILLE,KY — INTENDED DESTINATION: ALBANY,KY
TYPE OF ACCIDENT: STALL SPIN — PHASE OF OPERATION: LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO EXTEND THE LANDING FLAPS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
FIRE AFTER IMPACT
REMARKS- STEEP TURN TO FINAL APPROACH.PURCHASED ACFT 3 WEEKS PRIOR,NO FAM OR CHECK FLT,ALL X-COUNTRY TIME.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1169	4/22/79 TIME - 1355	NR.COVINGTON,LA	CESSNA 320E N34820 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 39, 8183 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
NEW ORLEANS,LA
INTENDED DESTINATION
WEST MEMPHIS,AR
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
500
VISIBILITY AT ACCIDENT SITE
1 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
71
WIND DIRECTION-DEGREES
90
WIND VELOCITY-KNOTS
30
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
IFR
FIRE AFTER IMPACT

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                             F  S M/N    PURPOSE
3-1126 5/4/79   NR.MIDLAND,LA        GRUMMAN G-164A     CR-  0  0  1  COMMERCIAL
       TIME - 0930                   N5334              PX-  0  0  0  ASSOC CROP CTL ACTIVITY   COMMERCIAL, AGE 55, 22000
                                     DAMAGE-DESTROYED                                           TOTAL HOURS, 4000 IN
                                                                                                TYPE, NOT INSTRUMENT
       NAME OF AIRPORT - LEGROS-MEMORIAL                                                        RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        MIDLAND,LA                    LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          TAKEOFF  INITIAL CLIMB
         NOSE OVER/DOWN                                         LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  CYLINDER ASSEMBLY
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       FACTOR(S)
         TERRAIN - WET,SOFT GROUND
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 9000
         KIND OF CROP - RICE                                   KIND OF OPERATION - FERTILIZING (DUST)
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED              TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
         CRASH BAR - INSTALLED                                 CRASH HELMET - AVAILABLE USED
         TERRAIN-TYPE - LEVEL,FLAT                             TANK/HOPPER-LOCATION - FORWARD OF PILOT
       REMARKS- #2 CYL SPLIT ACROSS HEAD                       ELEVATION-AREA BEING TREATED-FEET -  19


3-1095 5/7/79      MELVILLE,LA       LOCKHEED 18        CR-  0  0  2  NONCOMMERCIAL
       TIME - 1630                   N513V              PX-  0  0  0  PLEASURE/PERSONAL TRANSP  AIRLINE TRANSPORT, AGE
                                     DAMAGE-SUBSTANTIAL                                         50, 16875 TOTAL HOURS,
                                                                                                700 IN TYPE, INSTRUMENT
       NAME OF AIRPORT - HANKS                                                                  RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        MELVILLE,LA                   LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          LANDING  FINAL APPROACH
         WHEELS-UP                                              LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       FACTOR(S)
         POWERPLANT - POWERPLANT-INSTRUMENTS  FUEL QUANTITY GAUGE
         MISCELLANEOUS ACTS,CONDITIONS - ERRATIC
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- L MAIN FUEL TANK EMPTY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0989	5/22/79 TIME - 1500	KAPLAN,LA	GRUMMAN G-164A N5262 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 1828 TOTAL HOURS, 1628 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TRAHAN AIR STRIP
DEPARTURE POINT: KAPLAN,LA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  NOSE OVER/DOWN
PHASE OF OPERATION
  IN FLIGHT PROCEDURE TURNAROUND
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 1828
  KIND OF CROP - RICE
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - UPWIND
  KIND OF OPERATION - FERTILIZING (DUST)
  TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE-NOT USED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 12
  PROCEDURE TURNAROUND - THIRD 1/3 TURN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1097	5/29/79 TIME - 1100	LAFAYETTE,LA	PIPER PA-36 N3712E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 37, 6400 TOTAL HOURS, 100 IN TYPE, NOT INSTRU- MENT RATED.

DEPARTURE POINT: LAFAYETTE,LA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  STALL MUSH
PHASE OF OPERATION
  IN FLIGHT SURVEY FIELD/AREA
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1124	6/1/79 TIME - 1500	KAPLAN,LA	GRUMMAN G-164A N9514 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 22, 1150 TOTAL HOURS, 216 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
KAPLAN,LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1150
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 16
PROCEDURE TURNAROUND - SECOND 1/3 TURN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1096	6/5/79 TIME - 1730	PINE ISLAND,LA	GRUMMAN G-164A N5379 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 1530 TOTAL HOURS, 535 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BOUDREAUX
DEPARTURE POINT
PINE ISLAND,LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1530
KIND OF CROP - RICE
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 45
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- COLLIDED W/ BUSHES ON LEVEL OFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1006	6/17/79 TIME - 1530	NR.BELL ROSE,LA	BELL 206B N4830 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL POWER/PIPELINE	AIRLINE TRANSPORT, AGE 35, 1391 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CANE AIR
DEPARTURE POINT: BELL ROSE,LA
INTENDED DESTINATION: BATON ROUGE,LA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM PUMPS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FUEL PUMP DRIVE SHAFT,P/N 102-1416-01,SPLINE END SHOWED EXCESSIVE WEAR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0912	6/18/79 TIME - 1831	NEW ORLEANS,LA	MITSUBISHI MU-2B N222LR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 1 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 51, 6450 TOTAL HOURS, 450 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAKEFRONT
DEPARTURE POINT: DECATUR,ALA
INTENDED DESTINATION: NEW ORLEANS,LA
TYPE OF ACCIDENT
PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION
STATIC IDLING ENGINE(S)

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
REMARKS- URINE ALCOHOL 235 M/G PERCENT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1082	7/6/79 TIME - 1730	BASILE,LA	CESSNA 140 N1607V DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 22, 36 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARMES DUSTING CO
DEPARTURE POINT: BASILE,LA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
FACTOR(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING

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FILE    DATE          LOCATION          AIRCRAFT DATA         INJURIES     FLIGHT                      PILOT DATA
                                                               F  S M/N    PURPOSE

3-1144  3/7/79      QUEENSTOWN,MD       BELLANCA 8KCAB       CR-  1  0  0  NONCOMMERCIAL          COMMERCIAL, FL.INSTR.,
        TIME - 1410                     N31278               PX-  0  0  0  PRACTICE               AGE 62, 5402 TOTAL HOURS.
                                        DAMAGE-DESTROYED                                          UNK/NR IN TYPE, INSTRU-
        DEPARTURE POINT             INTENDED DESTINATION                                          MENT RATED.
          EASTON,MD                   LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  ACROBATICS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE
        FACTOR(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
        REMARKS- PREVIOUS OWNERS REPORTED STICK ENTANGLEMENT W FRONT SHOULDER HARNESS DURING FULL FORWARD MANEUVERS

3-0978  4/11/79     DAYTON,MD           LAKE LA4200          CR-  0  0  1  NONCOMMERCIAL          PRIVATE, AGE 34, 1619
        TIME - 1944                     N6158Y               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 1453 IN
                                        DAMAGE-SUBSTANTIAL                                        TYPE, NOT INSTRUMENT
        DEPARTURE POINT             INTENDED DESTINATION                                          RATED.
          SHELTON,CN                  GAITHERSBURG,MD
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  DESCENDING
          COLLIDED WITH  FENCE,FENCEPOSTS                          LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

3-0985  5/6/79      POMONKEY,MD         PIPER PA-28          CR-  0  0  1  INSTRUCTIONAL          STUDENT, AGE 18, 36 TOTAL
        TIME - 1422                     N6583W               PX-  0  0  0  SOLO                   HOURS, 32 IN TYPE, NOT
                                        DAMAGE-DESTROYED                                          INSTRUMENT RATED.
        NAME OF AIRPORT - MARYLAND
        DEPARTURE POINT             INTENDED DESTINATION
          CHARLOTTESVILLE,VA          SALISBURY,MD
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                     LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1022	5/19/79 TIME - 1350	NR.MIDDLEVILLE,MI	TRANSWORLD 47D-1 N64580 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 28, 363 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ATTICA,OH
INTENDED DESTINATION
HART,MI
LAST ENROUTE STOP
HASTINGS,MI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT FLAREOUT FOR SWATH RUN
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
PERSONNEL - RULES,REGULATIONS,STANDARDS PERSONNEL
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- HELO ASSEMBLED FROM SPARE PARTS.CERTIFICATED W/O FUEL GAGE.GAGE INSTALLED BUT NOT CONNECTED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1021	6/24/79 TIME - 1815	PONTIAC,MI	PIPER PA-22 N6817B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 225 TOTAL HOURS, 61 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OAKLAND-ORION
DEPARTURE POINT
PONTIAC,MI
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1176	4/28/79 TIME - 1430	CHOKIO,MN	CESSNA 150H N50185 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 63, 463 TOTAL HOURS, 316 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
CHOKIO,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - WET,SOFT GROUND
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
52
TYPE OF FLIGHT PLAN
NONE
REMARKS- POWER LOSS OCCURRED AT 400 FT ABOVE INTENDED LDG STRP.EMERG LDG IN SOFT FLD

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1073	5/21/79 TIME - 1600	GRAND RAPIDS,MN	CESSNA 180J N112GC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 2215 TOTAL HOURS, 166 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LILY LAKE
DEPARTURE POINT
GRAND RAPIDS,MN
INTENDED DESTINATION
SPRING LAKE,MN
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
REMARKS- FLOAT EQUIPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1115	5/25/79 TIME - 0701	WATSON,MN	PIPER PA-25 N6337Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 313 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
APPLETON,MN
INTENDED DESTINATION
WATSON,MN
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT FLAREOUT FOR SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 30
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1100
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1029	2/4/79 TIME - 1530	PASCAGOULA,MS	PIPER PA-23 N3362P DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 0 1	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 53, 8239 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - JACKSON COUNTY
DEPARTURE POINT
PASCAGOULA,MS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
DUAL STUDENT - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FIRE AFTER IMPACT
REMARKS- L ENG FEATHERED INTENTIONALLY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1010	2/26/79 TIME - 1425	NR.GREENVILLE,MS	BEECH 58 N2055K DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0 OT- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 7166 TOTAL HOURS, 3066 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GREENVILLE MUNI
DEPARTURE POINT: GREENVILLE,MS — INTENDED DESTINATION: CHARLOTTE,NC
TYPE OF ACCIDENT: COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION: IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - TOWER
TRAFFIC ADVISORY ISSUED - NONE
CONTROL ZONE/AREA - YES
RADAR CTL/SURVEILLANCE - UNKNOWN/NOT REPORTED
CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT
EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1010	2/26/79 TIME - 1425	NR.GREENVILLE,MS	BEECH 95A55 N500MG DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 2 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 28, 2699 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GREENVILLE MUNI
DEPARTURE POINT: DOTHAN,AL — INTENDED DESTINATION: GREENVILLE,MS
TYPE OF ACCIDENT: COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION: LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - NO CONTROL
TRAFFIC ADVISORY ISSUED - NONE
CONTROL ZONE/AREA - YES
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT
EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED

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FILE     DATE        LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                           PILOT DATA
                                                                 F  S M/N       PURPOSE

3-0907  4/2/79     TYLERTOWN,MS         CESSNA 182           CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, FL.INSTR.,
        TIME - 1800                     N21LW                PX-  0  0  2  BUSINESS                   AGE 40, 2500 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                            215 IN TYPE, INSTRUMENT
                                                                                                      RATED.
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DEPARTURE POINT — MERIDIAN,MS
INTENDED DESTINATION — LAKE CHARLES,LA
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION — OVERCAST
CEILING AT ACCIDENT SITE — 800
VISIBILITY AT ACCIDENT SITE — 3/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — UNKNOWN/NOT REPORTED
REMARKS- PLT STATED HE ENCOUNTERED UNEXPECTED SEVERE WEATHER.

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3-1014  4/19/79  NR.NEWTON,MS          PIPER PA-22          CR-  0  0  1  NONCOMMERCIAL              AIRLINE TRANSPORT, AGE
        TIME - 1800                     N4805A               PX-  0  0  2  PLEASURE/PERSONAL TRANSP   42, 12310 TOTAL HOURS,
                                        DAMAGE-DESTROYED                                              310 IN TYPE, INSTRUMENT
                                                                                                      RATED.
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NAME OF AIRPORT - O'KEEFE
DEPARTURE POINT — NEWTON,MS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

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FILE    DATE           LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                       PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1031  5/1/79   NR.DREW,MS               HILLER UH12D        CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 27, 1648
        TIME - 1730                       N48313              PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 117 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - RULEVILL-DREW
        DEPARTURE POINT                 INTENDED DESTINATION
         DREW,MS                          LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                               IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  117                      KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - COTTON                                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                GLOVES - NOT USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - SIDES                            TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  130                SWATH RUN-HOW FLOWN - WIND CALM

3-1030  6/17/79    SOUTHAVEN,MS           PITTS S1-C          CR-  1  0  0  NONCOMMERCIAL               COMMERCIAL, AGE 44,
        TIME - 1900                       N20JH               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    UNK/NR TOTAL HOURS,
                                          DAMAGE-DESTROYED                                              UNK/NR IN TYPE, NOT
        DEPARTURE POINT                 INTENDED DESTINATION                                            INSTRUMENT RATED.
         BATESVILLE,MS                    SOUTHAVEN,MS
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  ACROBATICS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE

3-1177  5/17/79    CHESTERFIELD,MO        BELL 47G-2          CR-  0  2  0  INSTRUCTIONAL               COMMERCIAL, FL.INSTR.,
        TIME - 1705                       N96194              PX-  0  0  0  DUAL                        AGE 36, 608 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                            521 IN TYPE, NOT INSTRU-
        NAME OF AIRPORT - SPIRIT ST LOUIS                                                               MENT RATED. .
        DEPARTURE POINT                 INTENDED DESTINATION
         CHESTERFIELD,MO                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          DUAL STUDENT - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1116	5/29/79 TIME - 1530	CAPE GIRARDEAU,MO	CESSNA 182M N91775 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 42, 6716 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CAPE GIRARDEAU
DEPARTURE POINT: CAPE GIRARDEAU,MO
INTENDED DESTINATION: SIKESTON,MO
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1104	5/29/79 TIME - 1530	COLUMBIA,MO	STOKES AX-7 N94465 DAMAGE-MINOR	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 30, 138 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: COLUMBIA,MO
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
160
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1036	6/1/79 TIME - 1500	MARYVILLE,MO	PIPER PA-28 N43445 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 41, 2341 TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MARYVILLE
DEPARTURE POINT
MARYVILLE,MO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - FUEL SYSTEM FILTERS,STRAINERS,SCREENS
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1117	6/5/79 TIME - 0830	NORBORNE,MO	GRUMMAN G-164B N6942K DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 42, 4150 TOTAL HOURS, 545 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
NORBORNE,MO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 545
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 700
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - WIND CALM
FIRE AFTER IMPACT
REMARKS- COLLIDED WITH WIRES

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1045	6/11/79 TIME - 2152	ST LOUIS,MO	DEHAVILLAND DH 104 N906MW DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP,FLIGHT INSTR., AGE 27, 4032 TOTAL HOURS, 651 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAMBERT
DEPARTURE POINT — KANSAS CITY,MO
INTENDED DESTINATION — ST LOUIS,MO
TYPE OF ACCIDENT — GEAR RETRACTED
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
MISCELLANEOUS ACTS,CONDITIONS - CHAFED
REMARKS- PNEUMATIC LINE TO DOWN PORT ON NLG ACTUATOR CHAFED THROUGH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0967	6/8/79 TIME - 2000	NR.BRADY,MT	CESSNA 140 N77318 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 31, 4960 TOTAL HOURS, 94 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — SPOKANE,WA
INTENDED DESTINATION — CARTER,MT
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
WEATHER - SUDDEN WINDSHIFT
TERRAIN - ROUGH/UNEVEN
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
APPROACHING DARKNESS

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 315
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- PIC LANDED ON RANCH ROAD TO ASK DIRECTIONS.WIND GUST.LEFT WHEEL WENT OFF SHOULDER INTO DITCH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1178	6/9/79 TIME - 1130	NR.TOSTON,MT	CESSNA 188 N48100 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 20, 607 TOTAL HOURS, 270 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
TOSTON,MT
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT CLEANUP SWATH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 335
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 4600
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- L WG TIP HIT FUEL TANK, CONT FLT & LND OK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1040	6/22/79 TIME - 1215	LAUREL,MT	BELLANCA 7KCAB N1833G DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL ADVERTISING	COMMERCIAL, AGE 43, 5900 TOTAL HOURS, 63 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
LAUREL,MT
INTENDED DESTINATION
LAUREL,MT
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
FIRE AFTER IMPACT
REMARKS- ACFT OWNER STATED PLT HAD NO EXPERIENCE W TYPE OF OPERATION BFR PREVIOUS DAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1042	7/1/79 TIME - 1145	BIG SKY,MT	BELLANCA 7GCBC N6397V DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 60, 2500 TOTAL HOURS, 425 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
PHILIPSBERG,MT
INTENDED DESTINATION
BIG SKY,MT
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
270
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- GUSTY WINDS.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
75
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1164	7/18/79 TIME - 2045	NR.CUT BANK,MT	CESSNA 170B N8051A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	STUDENT, AGE 18, 38 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LINDBERG
DEPARTURE POINT
CUT BANK,MT
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- NARROW STRIP.DITCH ON R SIDE, HIT TRACTOR ON L.

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FILE   DATE         LOCATION            AIRCRAFT DATA        INJURIES    FLIGHT                       PILOT DATA
                                                             F  S M/N    PURPOSE

3-1163 7/21/79    SCHAFER,MT          CESSNA 182           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 46, 213
       TIME - 0845                    N6166B               PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 150 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - U.S.F.S. STRIP
       DEPARTURE POINT             INTENDED DESTINATION
         WARE,MT                     SCHAFER,MT
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         OVERSHOOT                                               LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  DITCHES                                  LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
       REMARKS- FLY IN. ACFT PARKED ON APCH END OF RWY PLUS OTHER AREAS.


3-0909 4/28/79    YORK,NE             AEROSPATLE 341G      CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 32, 550
       TIME - 1251                    N341FR               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, ALL IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
       NAME OF AIRPORT - YORK MUNI
       DEPARTURE POINT             INTENDED DESTINATION
         LINCOLN,NE                  YORK,NE
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         HARD LANDING                                            LANDING  POWER-ON LANDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
       REMARKS- PLT STATED DEVELOPED SETTLING W PWR CONDITION.


3-0971 5/19/79    HEMINGFORD,NE       PIPER PA-25          CR-  0  0  1  COMMERCIAL                   COMMERCIAL, AGE 27, 4000
       TIME - 0700                    N6765Z               PX-  0  0  0  AERIAL APPLICATION           TOTAL HOURS, 2000 IN
                                      DAMAGE-SUBSTANTIAL                                              TYPE, NOT INSTRUMENT
                                                                                                      RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         RUSHVILLE,NE                LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                              IN FLIGHT  PULLUP FROM SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED CLEARANCE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 2000                    KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - GRAIN FIELDS                           TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED              GLOVES - NOT USED
         GOGGLES - NOT USED                                    CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                          CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT               TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  4360             SWATH RUN-HOW FLOWN - DOWNWIND
       REMARKS- COLLIDED W/POLE.
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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                             F  S M/N     PURPOSE

3-1118 5/19/79    ANSELMO,NE           CESSNA 172A          CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 24, 135
       TIME - 1740                     N6842X               PX-  0  1  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         BROKEN BOW,NE                LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  TREES                                       LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
       REMARKS- OFF AIRPORT OPERATION.


3-1032 7/12/79    KIMBALL,NE           CALLAIR A-9          CR-  0  0  1  COMMERCIAL                 COMMERCIAL, FL.INSTR.,
       TIME - 1830                     N8294H               PX-  0  0  0  AERIAL APPLICATION         AGE 62, 8850 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                            1149 IN TYPE, NOT INSTRU-
                                                                                                     MENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         POTTER,NE                    LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  PROCEDURE TURNAROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
       FACTOR(S)
         WEATHER - UNFAVORABLE WIND CONDITIONS
         WEATHER - DOWNDRAFT,UPDRAFTS
         WEATHER - HIGH DENSITY ALTITUDE
         WEATHER - THUNDERSTORM ACTIVITY
         MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED

       SKY CONDITION                                              CEILING AT ACCIDENT SITE
         SCATTERED                                                  UNLIMITED
       VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                       RAIN, THUNDERSTORM
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
         NONE                                                       80
       TYPE OF WEATHER CONDITIONS                                 TYPE OF FLIGHT PLAN
         VFR                                                        NONE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 4000                         KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - GRAIN FIELDS                                TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                   GLOVES - NOT USED
         GOGGLES - NOT USED                                         CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                           CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                    TERRAIN-TYPE - ROLLING
         ELEVATION-AREA BEING TREATED-FEET -  4900                  SWATH RUN-HOW FLOWN - CROSSWIND
         PROCEDURE TURNAROUND - THIRD 1/3 TURN
       REMARKS- WIND GUSTS TO 40 KTS VIC TRW. DENSITY ALT 7200'.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0974	6/4/79 TIME - 0900	DEETH,NV	STEARMAN 75 N53084 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 22, 1280 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HIGHWAY
DEPARTURE POINT — DEETH,NV
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1021
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 5140
KIND OF OPERATION - DEFOLIATION (DUST)
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- TAKE OFF WAS FROM ABANDONED HIGHWAY.LIQUID SPRAY MATERIAL HAD BEEN SPILLED ON RIGHT BRAKE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0917	6/6/79 TIME - 0612	LAS VEGAS,NV	CESSNA 182O N735VS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 199 TOTAL HOURS, 23 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — LAS VEGAS,NV
INTENDED DESTINATION — ALAMOSA,NM
TYPE OF ACCIDENT — COLLIDED WITH OBJECT
PHASE OF OPERATION — TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
REMARKS- ACFT LT WNG HIT SIGN AND DAMAGED POSTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0918	6/13/79 TIME - 1915	PANACCA,NV	CESSNA 152 N24233 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 16, 27 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LINCOLN COUNTY
DEPARTURE POINT
  ST.GEORGE,UT.
INTENDED DESTINATION
  ST.GEORGE,UT
LAST ENROUTE STOP
  PANACCA,NV
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
  PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE

SKY CONDITION
  SCATTERED
CEILING AT ACCIDENT SITE
  UNLIMITED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES
  315
WIND VELOCITY-KNOTS
  10
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  VFR
REMARKS- STU PLT, 2HRS FLT TIME LAST 90DAYS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1181	6/20/79 TIME - 1415	MINDEN,NV	VICKERS T-65 N9023N DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 50, 1700 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  MINDEN,NV
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  UNDETERMINED
PHASE OF OPERATION
  UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
  MISCELLANEOUS - UNDETERMINED
REMARKS- SINGLE UNIT RETRACTABLE GEAR.WRECKAGE FOUND IN MOUNTAINS ONE DAY AFTER DEPARTURE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1015	4/17/79 TIME - 1135	NEW LONDON,NH	PIPER PA-32R N1982H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 55, 1308 TOTAL HOURS, 188 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BUROR FIELD
DEPARTURE POINT: WESTFIELD,MA
INTENDED DESTINATION: NEW LONDON,NH

TYPE OF ACCIDENT
- UNDERSHOOT
- HARD LANDING

PHASE OF OPERATION
- LANDING FINAL APPROACH
- LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER - WIND SHEAR
WEATHER - SQUALL LINE

SKY CONDITION: BROKEN
CEILING AT ACCIDENT SITE: 2000
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 60
WIND DIRECTION-DEGREES: 320
WIND VELOCITY-KNOTS: 15
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- WINDS GUSTING 25 KNOTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1016	5/6/79 TIME - 1300	WHITEFIELD,NH	LAKE 4-200 N6181V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 141 TOTAL HOURS, 52 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WHITEFIELD REGION
DEPARTURE POINT: WHITEFIELD,NH
INTENDED DESTINATION: LOCAL

TYPE OF ACCIDENT
- GROUND-WATER LOOP-SWERVE
- COLLIDED WITH TREES

PHASE OF OPERATION
- LANDING LEVEL OFF/TOUCHDOWN
- LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
WIND VELOCITY-KNOTS: 10
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- WINDS GUSTING 20 KNOTS.DRIFTED INTO TREES.

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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES        FLIGHT                      PILOT DATA
                                                               F  S M/N       PURPOSE

3-0966  2/21/79   LINCOLN PARK,NJ      CESSNA 172M         CR-  0  0  1  MISCELLANEOUS            COMMERCIAL, AGE 45, 1000
        TIME - 0630                    N12801              PX-  0  0  1  FERRY                    TOTAL HOURS, UNK/NR IN
                                       DAMAGE-SUBSTANTIAL                                         TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - LINCOLN PARK
        DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
          ORLANDO,FL                   BEDFORD,MA                    LINCOLN PARK,NJ
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          UNDERSHOOT                                                 LANDING  FINAL APPROACH
          NOSE OVER/DOWN                                             LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          TERRAIN - SNOW-COVERED
        REMARKS- ACFT FERRY PERMIT VFR,DAY,ESSENTIAL CREW ONLY.T/D IN SNOW CVRD FLD APRX 900FT SHORT OF RWY.


3-0911  3/4/79      NEWARK,NJ          PIPER PA-28         CR-  1  0  0  NONCOMMERCIAL            PRIVATE, AGE 44, 613
        TIME - 1900                    N6630J              PX-  0  0  0  BUSINESS                 TOTAL HOURS, 151 IN TYPE,
                                       DAMAGE-DESTROYED                                           INSTRUMENT RATED.
        NAME OF AIRPORT - NEWARK INTL
        DEPARTURE POINT              INTENDED DESTINATION
          ALBANY,NY                    NEWARK,NJ
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                    LANDING  MISSED APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IFR OPERATION
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - FOG
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          OBSCURATION                                                0
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          1/4 MILE OR LESS                                           NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    WIND DIRECTION-DEGREES
          FOG                                                        20
        WIND VELOCITY-KNOTS                                        TYPE OF WEATHER CONDITIONS
          8                                                          IFR
        TYPE OF FLIGHT PLAN
          IFR
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0963	3/19/79 TIME - 0930	PITTSTOWN,NJ	PIPER PA-28 N526FL DAMAGE-SUBSTANTIAL	CR- 1 1 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 66, 35000 TOTAL HOURS, 5000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ALEXANDRIA
DEPARTURE POINT — PITTSTOWN,NJ
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- STUDENT PLT STATED HE CONTINUED TO FLY ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1137	4/27/79 TIME - 0730	CHAMA,NM	CESSNA 182RG N2834C DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 1084 TOTAL HOURS, 27 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CHAMA CATTLE CO
DEPARTURE POINT — CHAMA,NM
INTENDED DESTINATION — CLOVIS,NM
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1012	5/10/79 TIME - 0750	GALLUP,NM	PIPER PA-28 N2543M DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE 41, 176 TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - SEN CLAKE FIELD
DEPARTURE POINT — GALLUP,NM
INTENDED DESTINATION — LAS VEGAS,NM
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION — BROKEN/LOWER SCATTERED
CEILING AT ACCIDENT SITE — 3000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 32
WIND DIRECTION-DEGREES — 190
WIND VELOCITY-KNOTS — 5
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- D/A APPROX 6100FT.TKOF FULL RICH MIXTURE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0924	6/2/79 TIME - 1950	TIMBERON,NM	CESSNA 182O N759UP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 45, 991 TOTAL HOURS, 282 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TIMBERON
DEPARTURE POINT — TIMBERON,NM
INTENDED DESTINATION — TIMBERON,NM
TYPE OF ACCIDENT — COLLIDED WITH ANIMALS
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0913	2/24/79 TIME - 1107	ONEONTA,NY	BEECH 58 N17574 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 3 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 49, 14700 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ONEONTA MUNICIPAL
DEPARTURE POINT — NEWARK,NJ
INTENDED DESTINATION — ONEONTA,NY
TYPE OF ACCIDENT — COLLIDED WITH OBJECT
PHASE OF OPERATION — LANDING MISSED APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - COMPANY DISPATCH
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — OBSCURATION
CEILING AT ACCIDENT SITE — 500
VISIBILITY AT ACCIDENT SITE — 1 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
RELATIVE BEARING OF WIND — LEFT CROSS WIND 248-292 DEGREES
TEMPERATURE-F — 40
WIND DIRECTION-DEGREES — 310
WIND VELOCITY-KNOTS — 5
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — IFR

REMARKS- COLLIDED WITH UPROOTED TREE STUMP AND SNOW COVERED GROUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0906	3/22/79 TIME - 1235	FARMINGDALE,NY	CESSNA 172 N7348A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 32, 67 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - REPUBLIC
DEPARTURE POINT — FARMINGDALE,NY
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1088	4/4/79 TIME - 2315	NEWBURG,NY	BEECH E-18 N149PA DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 29, 3897 TOTAL HOURS, 99 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - STEWART
DEPARTURE POINT — BOSTON,MA
INTENDED DESTINATION — NEWBURG,NY
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — BROKEN
CEILING AT ACCIDENT SITE — 700
VISIBILITY AT ACCIDENT SITE — 3 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 37
WIND DIRECTION-DEGREES — 120
WIND VELOCITY-KNOTS — 14
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — IFR
REMARKS- PILOT INFORMED OF ICING AT HOLDING ALTITUDE PRIOR TO HIS ENTERING HOLDING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0903	4/28/79 TIME - 2100	ISLIP,NY	CESSNA 210 N732KM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	ATP,FLIGHT INSTR., AGE 27, 7341 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MAC ARTHUR
DEPARTURE POINT — DANBURY,CT
INTENDED DESTINATION — ISLIP,NY
TYPE OF ACCIDENT — GEAR RETRACTED
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
AIRFRAME - LANDING GEAR EMERGENCY/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - HYDRAULIC FAILURE
REMARKS- HYDRAULIC ACTUATOR SEAL.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                              F  S M/N     PURPOSE

3-0904  5/1/79      ISLIP,NY            CESSNA 150L          CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 26, 24 TOTAL
        TIME - 1100                     N6931G               PX-  0  0  0  SOLO                        HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - MAC ARTHUR
        DEPARTURE POINT               INTENDED DESTINATION
          ISLIP,NY                      LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

        SKY CONDITION                                            CEILING AT ACCIDENT SITE .
          CLEAR                                                    UNLIMITED
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                     NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TEMPERATURE-F
          NONE                                                     62
        WIND DIRECTION-DEGREES                                   WIND VELOCITY-KNOTS
          270                                                      16
        TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
          VFR                                                      NONE

3-1018  5/5/79      ELMIRA,NY           SCHWEIZER SGS134     CR-  0  1  0  NONCOMMERCIAL               COMMERCIAL, AGE 52, 1792
        TIME - 1325                     N76JP                PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 9 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HARRIS HILL
        DEPARTURE POINT               INTENDED DESTINATION
          ELMIRA,NY                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          STALL                                                    LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
        REMARKS- PLT CONCERNED WITH OTR GLIDER IN LNDG PATTERN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1017	5/6/79 TIME - 1600	SHIRLEY NY	BLANIK L-13 N48037 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 62, 700 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROOKHAVEN
DEPARTURE POINT: SHIRLEY NY
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH OBJECT
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
REMARKS- DRIFTED,HIT VASI.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1019	5/8/79 TIME - 1010	BROCKPORT,NY	PIPER PA-28 N5963U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 30, 18 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LEDEDALE
DEPARTURE POINT: BROCKPORT,NY
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; COLLIDED WITH OBJECT
PHASE OF OPERATION: TAKEOFF RUN; TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
REMARKS- COLLIDED WITH WIND-TEE FOLLOWED BY DITCH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1020	5/8/79 TIME - 1830	STEAMBURG,NY	PIPER PA-28 N6172W DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 207 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PIERCE RUN ROAD
DEPARTURE POINT: ORCHARD PARK,NY
INTENDED DESTINATION: STEAMBURG,NY
TYPE OF ACCIDENT: UNDERSHOOT; COLLIDED WITH TREES
PHASE OF OPERATION: LANDING FINAL APPROACH; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
TERRAIN - HIGH OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1085	5/19/79 TIME - 1500	SELDEN,NY	CESSNA 150 N8478M DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 42, 7307 TOTAL HOURS, 4650 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MCGEE
DEPARTURE POINT — ISLIP,NY
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- CFI DEMONSTRATING EMERGENCY LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1110	5/31/79 TIME - 1215	COHOCTON,NY	PIPER PA-25 N6905Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 25, 323 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — AVOCA,PA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 12
KIND OF CROP - POTATOES
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
SWATH RUN-HOW FLOWN - WIND CALM
KIND OF OPERATION - DUSTING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1111	6/10/79 TIME - 0840	FARMINGDALE,NY	CESSNA 152 N757WN DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 25, 9 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - REPUBLIC
DEPARTURE POINT — FARMINGDALE,NY
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF

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FILE   DATE          LOCATION          AIRCRAFT DATA         INJURIES       FLIGHT                        PILOT DATA
                                                               F  S M/N      PURPOSE

3-0987 5/15/79    FARGO,ND             PIPER PA-28          CR-  0  0  1  INSTRUCTIONAL             STUDENT, AGE 22, 29 TOTAL
       TIME - 1315                     N1696H               PX-  0  0  0  TRAINING                  HOURS, 4 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - HECTOR FIELD
       DEPARTURE POINT              INTENDED DESTINATION
         FARGO,ND                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL


3-0919 5/26/79    BOWMAN,ND            CESSNA 140           CR-  0  0  1  NONCOMMERCIAL             STUDENT, AGE 22, 29 TOTAL
       TIME - 1400                     N1677V               PX-  0  0  0  PRACTICE                  HOURS, 9 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - BOWMAN COUNTY
       DEPARTURE POINT              INTENDED DESTINATION
         BOWMAN,ND                    LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
         TERRAIN - WET,SOFT GROUND
       REMARKS- OFF AIRPORT OPERATION.


3-1128 6/27/79  NR.MERCER,ND           CESSNA 150M          CR-  0  0  1  INSTRUCTIONAL             STUDENT, AGE 39, 59 TOTAL
       TIME - 1745                     N45232               PX-  0  0  0  SOLO                      HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         DEVILS LAKE,ND               BISMARK,ND
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
         TERRAIN - ROUGH/UNEVEN
       FACTOR(S)
         PILOT IN COMMAND - BECAME LOST/DISORIENTED
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-1147  6/27/79     MINOT,ND             PIPER PA-30          CR-  0  0  2  MISCELLANEOUS                COMMERCIAL, AGE 22, 335
        TIME - 1030                      N8013Y               PX-  0  0  0  SEEDING CLOUDS               TOTAL HOURS, 109 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - MINOT INTL
        DEPARTURE POINT              INTENDED DESTINATION
          MINOT,ND                     PARSHALL,ND
        TYPE OF ACCIDENT-                                           PHASE OF OPERATION
          GEAR RETRACTED                                              TAKEOFF  RUN

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED


3-1135  4/13/79     WAVERLY,OH           CESSNA 150J          CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 39, 92 TOTAL
        TIME - UNK/NR                    N60759               PX-  2  0  0  PLEASURE/PERSONAL TRANSP     HOURS, 82 IN TYPE, NOT
                                         DAMAGE-DESTROYED                                                INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          ASHLAND,KY                   LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  TREES                                        IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - SQUALL LINE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                        UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                        UNKNOWN/NOT REPORTED
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TYPE OF WEATHER CONDITIONS
          UNKNOWN/NOT REPORTED                                        UNKNOWN/NOT REPORTED
        TYPE OF FLIGHT PLAN
          NONE
        FIRE AFTER IMPACT
        REMARKS- FLIGHT AT LOW LEVEL IN HILLY AREA BELOW THUNDERSTORM/SQUALL LINE.


3-1167  7/5/79      PIQUA,OH             CESSNA 152           CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 43, 49 TOTAL
        TIME - 1910                      N25937               PX-  0  0  0  TRAINING                     HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - PIQUA
        DEPARTURE POINT              INTENDED DESTINATION
          DAYTON,OH                    PIQUA,OH
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          HARD LANDING                                                LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0934	5/26/79 TIME - 1100	CUSHING,OK	CESSNA A188B N8358G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 52, 13000 TOTAL HOURS, 3500 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
CUSHING,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1300
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 930
PROCEDURE TURNAROUND - SECOND 1/3 TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- SPRAYING ALFALFA

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1072	5/27/79 TIME - 0700	NR.BOISE CITY,OK	PIPER PA-36 N9978P DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	PRIVATE, AGE 21, 1055 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BOISE CITY,OK
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
REMARKS- BLOOD ALCOHOL 119MG %. UNAUTHORIZED USE OF ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0927	5/29/79 TIME - 0940	TONKAWA,OK	PIPER PA-25 N8624L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 31, 3450 TOTAL HOURS, 918 IN TYPE, NOT INSTRU-MENT RATED.

DEPARTURE POINT
TONKAWA,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 965
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1131	7/16/79 TIME - 1330	CRESCENT,OK	CESSNA 150J N51008 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL POWER/PIPELINE	COMMERCIAL, AGE 28, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU-MENT RATED.

DEPARTURE POINT
OKLAHOMA CITY,OK
INTENDED DESTINATION
TULSA,OK
LAST ENROUTE STOP
ENID,OK
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1145	3/13/79 TIME - 1100	INDEPENDENCE,OR	CESSNA 172 N738AJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 39, 2411 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - INDEPENDENCE
DEPARTURE POINT
INDEPENDENCE,OR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS
REMARKS- SEAT SLID TO REAR.

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FILE   DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                              F  S M/N     PURPOSE

3-0910 3/26/79  NR.BROTHERS,OR          PIPER PA-28          CR- 1 0 0  NONCOMMERCIAL               PRIVATE, AGE 48, 213
       TIME - 1910                      N1649H               PX- 1 0 0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 12 IN TYPE,
                                        DAMAGE-DESTROYED                                            NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         BURNS,OR                      AURORA,OR
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED               IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - SPATIAL DISORIENTATION
       FACTOR(S)
         WEATHER - LOW CEILING
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
       MISSING AIRCRAFT - LATER RECOVERED

       SKY CONDITION                                           CEILING AT ACCIDENT SITE
         OVERCAST                                                6000
       VISIBILITY AT ACCIDENT SITE                             PRECIPITATION AT ACCIDENT SITE
         4 MILES OR LESS                                         RAIN
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                 TEMPERATURE-F
         NONE                                                    43
       WIND DIRECTION-DEGREES                                  WIND VELOCITY-KNOTS
         160                                                     4
       TYPE OF WEATHER CONDITIONS                              TYPE OF FLIGHT PLAN
         IFR                                                     VFR
       REMARKS- WX FCST TO BE MARG VFR ENROUTE.PLT REPORTED IN IFR COND.BELOW ARTCC RADAR HORIZON.RECOVERY 3/27/79


3-1157 4/26/79    INDEPENDENCE,OR       CESSNA 152           CR- 0 0 2  INSTRUCTIONAL               COMMERCIAL, FL.INSTR.,
       TIME - 1645                      N25790               PX- 0 0 0  DUAL                        AGE 39, 2435 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                          92 IN TYPE, INSTRUMENT
                                                                                                    RATED.
       NAME OF AIRPORT - INDEPENDENCE
       DEPARTURE POINT               INTENDED DESTINATION
         INDEPENDENCE,OR               LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           TAKEOFF  INITIAL CLIMB
         NOSE OVER/DOWN                                          LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - IGNITION SYSTEM  SPARK PLUG
         MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS
       FACTOR(S)
         TERRAIN - HIDDEN OBSTRUCTIONS
         TERRAIN - HIGH VEGETATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- HIT MANHOLE OBSCURED BY HIGH WHEAT.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                         PILOT DATA
                                                                F  S M/N    PURPOSE

3-1102  5/6/79   NR.KLAMATH FALLS,OR   PIPER PA-24          CR-  0  0  1  NONCOMMERCIAL             COMMERCIAL, AGE 52, 4132
        TIME - 1630                    N5846P               PX-  0  0  1  BUSINESS                  TOTAL HOURS, 500 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          AUBURN,WA                    RED BLUFF,CA
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                        IN FLIGHT  NORMAL CRUISE
          WHEELS-UP                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          SYSTEMS - ANTI-ICING,DE-ICING SYSTEMS  CARBURETOR DE-ICING SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
          MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
          MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - UNKNOWN/NOT REPORTED
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SKY CONDITION                                        CEILING AT ACCIDENT SITE
          PARTIAL OBSCURATION                                  700
        VISIBILITY AT ACCIDENT SITE                          PRECIPITATION AT ACCIDENT SITE
          2 MILES OR LESS                                      SNOW SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE              WIND DIRECTION-DEGREES
          FOG                                                  160
        WIND VELOCITY-KNOTS                                  TYPE OF WEATHER CONDITIONS
          4                                                    IFR
        TYPE OF FLIGHT PLAN
          IFR
        REMARKS- CARB HEAT MUFF MISSING. LND IN GULLY.


3-1162  5/12/79    ELMIRA,OR           COOT A               CR-  0  0  1  NONCOMMERCIAL             ATP,FLIGHT INSTR., AGE
        TIME - 0850                    N12MP                PX-  0  0  1  PLEASURE/PERSONAL TRANSP  49, 9364 TOTAL HOURS, 30
                                       DAMAGE-SUBSTANTIAL                                           IN TYPE, INSTRUMENT
                                                                                                    RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          EUGENE,OR                    ELMIRA,OR
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          WHEELS-DOWN LANDING IN WATER                         LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                       LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - CHECKLIST-FAILED TO USE
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        REMARKS- LND ON RESERVOIR.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0993	5/20/79 TIME - 1730	CHILOQUIN,OR	AMER AVCO AA1-B N9876L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 387 TOTAL HOURS, 113 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHILOQUIN STATE
DEPARTURE POINT
  HILLSBORO,OR
INTENDED DESTINATION
  CARSON CITY,NV
LAST ENROUTE STOP
  CHILOQUIN,OR
TYPE OF ACCIDENT
  COLLIDED WITH DIRT BANK
PHASE OF OPERATION
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
  WEATHER - HIGH DENSITY ALTITUDE
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  CLEAR
CEILING AT ACCIDENT SITE
  UNLIMITED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  LIGHT AND VARIABLE
TEMPERATURE-F
  75
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  VFR
REMARKS- DENSITY ALT 6100FT.

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                               PILOT DATA
                                                              F  S M/N      PURPOSE

3-0992  5/25/79  NR.ASHLAND,OR           STINSON 108-3        CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 65, 422
        TIME - 1330                      N6740M               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 288 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          ASHLAND,OR                    WATSONVILLE,CA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
        FACTOR(S)
          WEATHER - HIGH DENSITY ALTITUDE
          WEATHER - DOWNDRAFT,UPDRAFTS
          TERRAIN - HIGH OBSTRUCTIONS
        WEATHER BRIEFING - UNKNOWN/NOT REPORTED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          CLEAR                                                      UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
          NONE                                                       90
        TYPE OF WEATHER CONDITIONS                                 TYPE OF FLIGHT PLAN
          VFR                                                        NONE
        REMARKS- UN OUTCLIMB TERRAIN. DENSITY ALT 6800FT.


3-0948  6/3/79       CRESCENT LAKE,OR    PIPER PA-28R         CR-  0  0  1  MISCELLANEOUS                 PRIVATE, AGE UNK/NR, 4100
        TIME - 1330                      N6998N               PX-  0  0  3  SEARCH AND RESCUE             TOTAL HOURS, 140 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - CRESCENT LAKE
        DEPARTURE POINT               INTENDED DESTINATION
          CRESCENT LAKE,OR              SALEM,OR
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          STALL                                                      TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          WEATHER - HIGH DENSITY ALTITUDE

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          CLEAR                                                      UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
          NONE                                                       75
        TYPE OF WEATHER CONDITIONS                                 TYPE OF FLIGHT PLAN
          VFR                                                        VFR
        REMARKS- DA APPROX 7000FT.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0949	6/5/79 TIME - 1100	NR.ONTARIO.OR	CESSNA 188B N53177 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	COMMERCIAL, AGE 39, 566 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.

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NAME OF AIRPORT - ONTARIO MUNICIPAL
DEPARTURE POINT             INTENDED DESTINATION
 ONTARIO,OR                  LOCAL
TYPE OF ACCIDENT                                 PHASE OF OPERATION
  GROUND-WATER LOOP-SWERVE                         LANDING  ROLL
  COLLIDED WITH  DIRT BANK                         LANDING  ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
REMARKS- CONVENTIONAL GEAR TIME 225 HRS.UNABLE REMAIN ON RUNWAY.COLLISION WITH LARGE DIRT PILE.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0964	1/31/79 TIME - 1026	READING,PA	VOLPAR C45 N346V DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 30, 3003 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.

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NAME OF AIRPORT - READING MUNI
DEPARTURE POINT             INTENDED DESTINATION         LAST ENROUTE STOP
  NEWBURGH,NY                 JAMAICA,NY                   READING,PA
TYPE OF ACCIDENT                                         PHASE OF OPERATION
  WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
  AIRFRAME - LANDING GEAR  EMERGENCY/EXTENSION ASSEMBLY
  MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
FACTOR(S)
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
REMARKS- UN EXTEND GR FOR UNDETERMINED REASON.EMERG GR EXTENSION CHAIN OFF SPROCKET.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0902	4/7/79 TIME - 1330	MONROEVILLE,PA	PIPER PA-22 N5720D DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 126 TOTAL HOURS, 52 IN TYPE, NOT INSTRUMENT RATED.

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NAME OF AIRPORT - PITTSBRG-MONROEVL
DEPARTURE POINT             INTENDED DESTINATION
  UNKNOWN/NOT REPORTED        MONROEVILLE,PA
TYPE OF ACCIDENT                                         PHASE OF OPERATION
  STALL                                                    LANDING  FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE     DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                               PILOT DATA
                                                                   F  S M/N      PURPOSE

3-1105  4/22/79     LANCASTER,PA        PIPER PA-18          CR-  0  0  1  INSTRUCTIONAL                PRIVATE, AGE 50, 280
        TIME - 1810                     N331T                PX-  0  0  0  TRAINING                     TOTAL HOURS, 17 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LANCASTER
        DEPARTURE POINT              INTENDED DESTINATION
          LANCASTER,PA                 LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                   TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  UNMARKED OBSTRUCTIONS
        REMARKS- POST ACCIDENT EXAMINATION DISCLOSED NO BRAKE MALFUNCTION.


3-1109  5/6/79      MOUNTVILLE,PA       GRUMMAN AA1          CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 27, 425
        TIME - 1556                     N6404L               PX-  1  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 399 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - ELIZABETHTOWN
        DEPARTURE POINT              INTENDED DESTINATION
          OCEAN CITY,NJ                ELIZABETHTOWN,PA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          STALL  SPIN                                              LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS- 6GALS FOUND L FUEL TANK. NO FUEL FOUND IN LINE FROM FUEL SELECTOR TO ENG.


3-0901  5/8/79      CONNEAUT,PA         PIPER PA-22          CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 29, 29 TOTAL
        TIME - 1830                     N9809D               PX-  0  0  0  SOLO                         HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - CONNEAUT
        DEPARTURE POINT              INTENDED DESTINATION
          CONNEAUT,PA                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            TAKEOFF  RUN
          NOSE OVER/DOWN                                           TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        REMARKS- PLT REPORTED THAT HE ADVANCED THE THROTTLE TOO FAST CAUSING THE ENG TO MISS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1013	5/11/79 TIME - 2010	BEAVER FALLS,PA	BEECH 18S N37878 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 54, 6885 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BEAVER COUNTY
DEPARTURE POINT
GAINSVILLE,GA
INTENDED DESTINATION
BUFFALO,NY
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
180
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
5000
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
IFR
REMARKS- DIRECT CROSSWIND GUSTS OF 20 KTS.VERTICAL STABILIZERS,RUDDERS DAMAGED, TAIL WHEEL TORN OFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0962	3/18/79 TIME - 1520	NR.CAMDEN,SC	PIPER PA-28 N6920W DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 60, 54 TOTAL HOURS, 14 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
COLUMBIA,SC
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
REMARKS- BLOOD ALCOHOL LEVEL 59MG/DL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1148	5/17/79 TIME - 1300	EASTOVER,SC	CESSNA 182P N78744 DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 0 0	INSTRUCTIONAL CHECK	COMMERCIAL, AGE 47, 5300 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DIXIELAND
DEPARTURE POINT
EASTOVER,SC
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- CARB BOWL CONTAINED APPROX 90% WATER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0944	5/26/79 TIME - 1700	BLUNT,SD	NA ROCKWELL S-2R N8501V DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 42, 18000 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
PIERRE,SD
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH FLAGMAN,LOADER
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9999
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1700
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1180	4/26/79 TIME - 0100	MURFREESBORO,TN	CESSNA 172 N20388 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 451 TOTAL HOURS, 109 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MURFREESBORO
DEPARTURE POINT
NASHVILLE,TN
INTENDED DESTINATION
MURFREESBORO,TN
TYPE OF ACCIDENT
UNDERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES        FLIGHT                              PILOT DATA
                                                              F  S M/N      PURPOSE

3-1047 5/4/79     SEVIERVILLE,TN       CESSNA 421           CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 32, 1995
       TIME - 1130                     N123SM               PX-  0  0  2  AIR TAXI-PASSG                TOTAL HOURS, 420 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - SEVIER-GATLINBURG
       DEPARTURE POINT              INTENDED DESTINATION
         KNOXVILLE,TN                 SEVIERVILLE,TN
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         UNDERSHOOT                                                LANDING  FINAL APPROACH
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- AIRCRAFT STRUCK OPEN DRAINAGE DITCH AFTER LEAVING RUNWAY.


3-0930 3/1/79      SAN MARCOS,TX       CESSNA 210           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 69, 2500
       TIME - 1100                     N3603Y               PX-  0  0  2  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 2000 IN
                                       DAMAGE-SUBSTANTIAL                                               TYPE, NOT INSTRUMENT
                                                                                                        RATED.
       NAME OF AIRPORT - LOWMAN
       DEPARTURE POINT              INTENDED DESTINATION
         ABILENE,TX                   SAN MARCOS,TX
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT SHOULDERS
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0921	3/7/79 TIME - 1040	KERRVILLE,TX	PIPER PA-28 N75058 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 55, 2400 TOTAL HOURS, 206 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TIERRA LINDA
DEPARTURE POINT: KERRVILLE,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; COLLIDED WITH DIRT BANK
PHASE OF OPERATION: LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION: CLEAR
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 70
WIND VELOCITY-KNOTS: 8
TYPE OF FLIGHT PLAN: NONE
CEILING AT ACCIDENT SITE: UNLIMITED
PRECIPITATION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: LEFT CROSS WIND 248-292 DEGREES
WIND DIRECTION-DEGREES: 270
TYPE OF WEATHER CONDITIONS: VFR
REMARKS- WIND GUSTS TO 20KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1039	3/9/79 TIME - 1320	ANGLETON,TX	HUGHES 369D N58333 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL CORP/EXEC	ATP,FLIGHT INSTR., AGE 42, 6150 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: LAKE JACKSON,TX
INTENDED DESTINATION: COLUMBIA LAKES,TX
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0932	3/14/79 TIME - 2215	NR.DIMITT,TX	CESSNA T210M N761VV DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER	COMMERCIAL, FL.INSTR., AGE 32, 3382 TOTAL HOURS, 1300 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  REPUBLIC OF MEXICO
INTENDED DESTINATION
  UNKNOWN/NOT REPORTED
LAST ENROUTE STOP
  UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
  TERRAIN - ROUGH/UNEVEN
REMARKS- CLANDESTINE OPERATION

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1093	3/19/79 TIME - 1530	LEAGUE CITY,TX	CESSNA 177RG N2740V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 54, 3206 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HOUSTON GULF
DEPARTURE POINT
  ALTA LOMA,TX
INTENDED DESTINATION
  HOUSTON,TX
TYPE OF ACCIDENT
  COLLIDED WITH FENCE,FENCEPOSTS
  HARD LANDING
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
  TERRAIN - ROUGH/UNEVEN
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
  PITCH CONTROL PROBLEM
  SUSPECTED OR KNOWN AIRCRAFT DAMAGE

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                                   PILOT DATA
                                                                  F  S M/N     PURPOSE

3-0928  4/13/79    SWEETWATER,TX          NAVION A           CR-  0  0  1  NONCOMMERCIAL             COMMERCIAL, AGE 57, 4244
        TIME - 1210                       N8534H             PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 238 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                         INSTRUMENT RATED.
        NAME OF AIRPORT - SWEETWATER MUNI
        DEPARTURE POINT               INTENDED DESTINATION
          AUSTON,TX                     SNYDER,TX
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                     LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  LINES AND FITTINGS
          MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- GAS HEATER SUPPLY LINE,P/N 145-53327,LEAKING AT ENG FUEL PUMP CONNECTION.


3-1149  4/20/79    BROWNSVILLE,TX         LOCKHEED 18        CR-  0  0  2  NONCOMMERCIAL             COMMERCIAL, AGE 34, 6000
        TIME - 0650                       N711BR             PX-  0  0  0  BUSINESS                  TOTAL HOURS, 8 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                         INSTRUMENT RATED.
        NAME OF AIRPORT - BROWNSVILLE INTL
        DEPARTURE POINT               INTENDED DESTINATION
          BROWNSVILLE,TX                TAMPICO,MEXICO
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  CLIMB TO CRUISE
          WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - LUBRICATING SYSTEM  OIL COOLERS
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
          MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- APPROX 3700LBS OVER MAX CERT G/W.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0933	5/5/79 TIME - 1040	ABILENE,TX	TURNER T-40A N15TB DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 20, 427 TOTAL HOURS, 0 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ABILINE MUNICIPAL
DEPARTURE POINT: ABILENE,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL MUSH
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1150	5/15/79 TIME - 1815	WAKE VILLAGE,TX	CESSNA 150J N50727 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 260 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: TEXARKANA,AR
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1024	5/20/79 TIME - 1600	MIDLAND,TX	CESSNA 150M N704UN DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 33, 1517 TOTAL HOURS, 228 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MIDLAND AIRPARK
DEPARTURE POINT
MIDLAND,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - RAIN
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
70
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
RAIN SHOWERS
RELATIVE BEARING OF WIND
RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES
225
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- CLOSED PATTERN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1089	5/24/79 TIME - 1423	CASTROVILLE,TX	SCHLEICHER ASW-19 N438AS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 45, 3500 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  CASTROVILLE,TX
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE

INTENDED DESTINATION
  LOCAL

PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
  MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
  WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
  SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  VFR

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  CALM
TYPE OF FLIGHT PLAN
  NONE

REMARKS- PIC SWITCHED TO ANOTHER FIELD DUE TO COWS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0926	5/24/79 TIME - 0730	NR.FALFURRIAS,TX	CESSNA A188B N53311 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 38, 2228 TOTAL HOURS, 1140 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  FALFURRIAS,TX
TYPE OF ACCIDENT
  STALL

INTENDED DESTINATION
  LOCAL

PHASE OF OPERATION
  IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 1100
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - FASTENED-PROPERLY
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

REMARKS- STALLED IN STEEP TURN,HIT NOSE DOWN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1123	5/26/79 TIME - 1000	NR.SYLVESTER,TX	GRUMMAN G-164B N66050 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 1475 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SYLVESTER,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - IGNITION SYSTEM MAGNETOS
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1300
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1941
PROCEDURE TURNAROUND - THIRD 1/3 TURN
KIND OF OPERATION - DEFOLIATION (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- L MAG UNCOUPLED OUT OF TIME.ENGINE BACKFIRED.SPRAYING WEEDS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1122	5/27/79 TIME - 1506	ROCKPORT,TX	GRUM AMER AA1-C N9660U DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 131 TOTAL HOURS, 44 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARANSAS COUNTY
DEPARTURE POINT
ROCKPORT,TX
INTENDED DESTINATION
CORPUS CHRISTI,TX
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                             PILOT DATA
                                                            F  S M/N      PURPOSE

3-1140 5/31/79     SAN MARCOS,TX      SWEARINGEN SA226     CR-  0  0  4  MISCELLANEOUS              AIRLINE TRANSPORT, AGE
       TIME - 1042                    N5654M               PX-  0  0  0  EXPERIMENTATION            46, 5300 TOTAL HOURS, 6
                                      DAMAGE-SUBSTANTIAL                                            IN TYPE, INSTRUMENT
       NAME OF AIRPORT - SAN MARCOS MUNI                                                            RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         SAN MARCOS,TX               LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- FAA FLIGHT TEST PILOT AT CONTROLS.


3-0960 5/31/79     FARMERSVILLE,TX    PIPER PA-22          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, FL.INSTR.,
       TIME - 2015                    N8914D               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   AGE 40, 971 TOTAL HOURS,
                                      DAMAGE-SUBSTANTIAL                                            ALL IN TYPE, INSTRUMENT
       NAME OF AIRPORT - MULLINS LANDING                                                            RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         FARMERSVILLE,TX             NORTH DALLAS,TX
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT RUNWAY
         TERRAIN - HIGH OBSTRUCTIONS


3-1119 6/4/79      MULESHOE,TX        BEECH 95-A55         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 48, 326
       TIME - 1415                    N8599M               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 76 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - EDWARD WARREN FLD
       DEPARTURE POINT             INTENDED DESTINATION
         LAS LUMAS,NM                MULESHOE,TX
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                                    PILOT DATA
                                                                 F  S M/N      PURPOSE

3-0961  6/7/79      AIKEN,TX             PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 26, 63 TOTAL
        TIME - 2045                      N9670J               PX-  0  0  2  PLEASURE/PERSONAL TRANSP       HOURS, 5 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          AMARILLO,TX                    CENTER,TX
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
          GEAR COLLAPSED                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                  LOW ON FUEL
                                  APPROACHING DARKNESS


3-0931  6/7/79      BEAUMONT,TX          BOEING A-75N1        CR-  0  0  1  COMMERCIAL                     COMMERCIAL, AGE 50, 20000
        TIME - 0830                      N1013M               PX-  0  0  0  ASSOC CROP CTL ACTIVITY        TOTAL HOURS, 3000 IN
                                         DAMAGE-DESTROYED                                                  TYPE, NOT INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - KELLEY
        DEPARTURE POINT                INTENDED DESTINATION
          BEAUMONT,TX                    LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIDDEN HAZARD
        REMARKS- WATER FILLED DRAINAGE DITCH.


3-1023  6/10/79     SAN ANTONIO,TX       CESSNA 310           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 30, 168
        TIME - 1355                      N99017               PX-  0  0  3  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 129 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SAN ANTONIO INTL
        DEPARTURE POINT                INTENDED DESTINATION
          SAN ANTONIO,TX                 PARIS,TX
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
          GEAR COLLAPSED                                              TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - IGNITION SYSTEM  SPARK PLUG
          MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        REMARKS- ALL R ENG PLUGS FAILED SHOP COMPRESSION TEST.BOTH AIR INLET FILTERS DIRTY,UNSERVICEABLE.
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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                              F  S M/N      PURPOSE
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3-0929  6/22/79    PECOS,TX            BELLANCA 1419-3    CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 37, 99 TOTAL
        TIME - 1600                    N7628E             PX-  0  0  0  PLEASURE/PERSONAL TRANSP      HOURS, 16 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - PECOS MUNICIPAL
        DEPARTURE POINT             INTENDED DESTINATION
          PECOS,TX                    LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                         LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-1084  6/23/79    WAXAHACKIE,TX       BELLANCA 7ECA      CR-  0  0  1  NONCOMMERCIAL                 AIRLINE TRANSPORT, AGE
        TIME - 1715                    N36353             PX-  0  0  0  PLEASURE/PERSONAL TRANSP      39, 12500 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                             151 IN TYPE, NOT INSTRU-
                                                                                                      MENT RATED.
        NAME OF AIRPORT - RAY DANIELS
        DEPARTURE POINT             INTENDED DESTINATION
          WAXAHACKIE,TX               LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          NOSE OVER/DOWN                                         LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
        FACTOR(S)
          PERSONNEL - PRODUCTION-DESIGN-PERSONNEL  POOR/INADEQUATE DESIGN
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
        REMARKS- PARKING BRAKE ON.TOTAL DISTANCE OF BRAKE TRAVEL FROM FULL ON TO FULL OFF 2 1/4IN.


3-1139  6/24/79    DENISON,TX          CESSNA 210L        CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE UNK/NR,
        TIME - 2010                    N93190             PX-  0  0  2  PLEASURE/PERSONAL TRANSP      442 TOTAL HOURS, 51 IN
                                       DAMAGE-SUBSTANTIAL                                             TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - GRAYSON COUNTY
        DEPARTURE POINT             INTENDED DESTINATION
          OKMULGEE,OK                 DENISON,TX
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1092	6/29/79 TIME - 1020	ARCOLA,TX	GRUMMAN G-164A N8773H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 31, 4040 TOTAL HOURS, 2746 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ARCOLA,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS --JETTISONED LOAD

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1090	6/30/79 TIME - 1540	TYLER,TX	CESSNA 195B N2125C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 60, 27792 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PONDS FIELD
DEPARTURE POINT
TYLER,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1106	4/12/79 TIME - 1750	SWANTON,VT	BELL 47G N9027 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 32, 429 TOTAL HOURS, 85 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FRANKLIN COUNTY
DEPARTURE POINT
SWANTON,VT
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- A/C ROLLED OVER ON R/SIDE AFTER SKID FAILED-WNDS GUSTING TO 14KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1076	2/27/79 TIME - 1432	BRISTOL,VA	CESSNA 310 N5927M DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 49, 900 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
PIKEVILLE,KY
INTENDED DESTINATION
TRI-CITY,TN
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
WEATHER - LOW CEILING
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
IFR
CEILING AT ACCIDENT SITE
1300
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- AC CRASHED 90 DEG LEFT OF ILS HDG.FUEL SELECTORS BOTH FOUND ON R TANK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1041	4/10/79 TIME - 1215	NR.CHANTILLY,VA	CESSNA 182 N74735 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 115 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DULLES INTL
DEPARTURE POINT
BUCYRUS,OH
INTENDED DESTINATION
CHANTILLY,VA
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
260
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS
12
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1035	4/14/79 TIME - 1545	POMEROY,WA	WEATHERLY 201B N1258W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 23, 4300 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
POMEROY,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1650
KIND OF CROP - PASTURE
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 2400
PROCEDURE TURNAROUND - FIRST 1/3 TURN
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - HILLY
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- STRUCK RT WING TIP ON HILLSIDE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1161	4/21/79 TIME - 1730	SNOHOMISH,WA	CONVAIR L-13 N4659V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS PARAJUMP-SPORT	COMMERCIAL, AGE 46, 1025 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HARVEY
DEPARTURE POINT
SNOHOMISH,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
45
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                           PILOT DATA
                                                               F  S M/N       PURPOSE

3-1158  4/22/79    TOLT RESERVOIR,WA   CESSNA 185          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 24, 166
        TIME - 1330                    N49240              PX-  0  0  2  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 20 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
          RENTON,WA                    RETURN                         TOLT RESERVOIR,WA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    TAXI  TO TAKEOFF
          COLLIDED WITH  OBJECT                                       TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  FLOAT ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - JAMMED
        FACTOR(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
        REMARKS- WATER RUDDER JAMMED LEFT,UNDET REASON. HIT ROCKS.PLT TRIED POWER RECOVERY.


3-1033  4/29/79    NR.DAYTON,WA        CALLAIR A-9         CR-  1  0  0  COMMERCIAL                   COMMERCIAL, AGE 28, 745
        TIME - 1105                    N8259H              PX-  0  0  0  AERIAL APPLICATION           TOTAL HOURS, 45 IN TYPE,
                                       DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - DUSTER STRIP
        DEPARTURE POINT              INTENDED DESTINATION
         DAYTON,WA                     STARBUCK,WA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          STALL  SPIN                                                IN FLIGHT  SURVEY FIELD/AREA

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -   63                     KIND OF OPERATION - CHECKING CROPS/TREES/OBSTRUCTIONS
          KIND OF CROP - UNKNOWN/NOT REPORTED                    PILOT'S SEAT BELT - FASTENED-PROPERLY
          GLOVES - USED                                          GOGGLES - NOT USED
          CRASH HELMET - AVAILABLE USED                          COCKPIT CRASHPAD - NOT INSTALLED
          CRASH BAR - NOT INSTALLED                              TANK/HOPPER-LOCATION - AFT OF PILOT
          TERRAIN-TYPE - HILLY
        FIRE AFTER IMPACT


3-1034  5/11/79    ZILLAH,WA           THORP T-18          CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 50, 701
        TIME - 1832                    N1947               PX-  0  1  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 80 IN TYPE,
                                       DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          PENDLETON,OR                 YAKIMA,WA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  PROPELLER                         IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  WIRES/POLES                                 LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - PROPELLER AND ACCESSORIES  BLADES
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        FIRE AFTER IMPACT
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1083	5/22/79 TIME - 0815	MEAD,WA	CESSNA 150F N3092X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 7720 TOTAL HOURS, 14 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEAD AIRPORT
DEPARTURE POINT — MEAD,WA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
REMARKS- ATT TAKEOFF WITH FULL CARB HEAT.OAT 80DEG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0946	5/23/79 TIME - 1115	BELLINGHAM,WA	LAKE LA-4 N2680P DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 63, 4659 TOTAL HOURS, 26 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — BELLINGHAM,WA
INTENDED DESTINATION — BELLINGHAM,WA
TYPE OF ACCIDENT — DRAGGED WINGTIP,POD,OR FLOAT
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
DUAL STUDENT - IMPROPER RECOVERY FROM BOUNCED LANDING
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1159	7/14/79 TIME - 0630	NR.LIND,WA	PIPER PA-36 N57591 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 31, 5085 TOTAL HOURS, 530 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
LIND,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT RETURN TO STRIP
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1500
KIND OF CROP - POTATOES
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1166	7/17/79 TIME - 1240	OCEAN SHORES,WA	CESSNA 172M N1169U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, FL.INSTR., AGE 50, 634 TOTAL HOURS, 293 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OCEAN SHORES
DEPARTURE POINT
OCEAN SHORES,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- HIT SEMI TRAILER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0981	4/21/79 TIME - 1830	DAYBROOK,WV	MAULE M5-235 N5630Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 850 TOTAL HOURS, 75 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHISLER
DEPARTURE POINT: SPENCER,WV
INTENDED DESTINATION: DAYBROOK,WV
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1179	5/19/79 TIME - 1400	NEW CUMBERLAND,WV	CESSNA 172 N1109F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 27, 78 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HERRON AIRPORT
DEPARTURE POINT: WAYNESBURG,PA
INTENDED DESTINATION: NEW CUMBERLAND,WV
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - CREW COORDINATION-POOR
REMARKS- NON-INSTRUCTOR PIC ALLOWED STUDENT PILOT TO ATTEMPT LANDING.BOTH PLTS ON CONTROLS AFTER LANDING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1086	1/27/79 TIME - 0917	WAUKESHA,WI	BEECH 58P N9ZZ DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 1037 TOTAL HOURS, 262 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WAUKESHA COUNTY
DEPARTURE POINT — INTENDED DESTINATION
CHICAGO,IL — WAUKESHA,WI
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH GROUND/WATER UNCONTROLLED — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IFR OPERATION
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — CEILING AT ACCIDENT SITE
OVERCAST — 700
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
5 OR OVER(UNLIMITED) — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — TEMPERATURE-F
FOG — 28
WIND DIRECTION-DEGREES — WIND VELOCITY-KNOTS
20 — 6
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
IFR — IFR
REMARKS- SECOND MISSED APCH.BOTH MISSED APCHS FOLLOWED ADVISORY OF AN MSAW(MINIMUM SAFE ALTITUDE WARNING).

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0968	3/14/79 TIME - 0130	MILWAUKEE,WI	CESSNA 172 N739HC DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 136 TOTAL HOURS, 76 IN TYPE, NOT INSTRUMENT RATED.

CLASSIFIED AS INCIDENT
NAME OF AIRPORT - L. TIMMERMAN
DEPARTURE POINT — INTENDED DESTINATION
GREEN BAY,WI — MILWAUKEE,WI
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
COLLIDED WITH SNOWBANK — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1074	1/21/79 TIME - 1845	PINEDALE,WY	PIPER PA-31 N9026Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 38, 12762 TOTAL HOURS, 213 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WENZ
DEPARTURE POINT
  DENVER,CO
INTENDED DESTINATION
  PINEDALE,WY
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  PARTIAL OBSCURATION
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  GROUND FOG
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1005	4/20/79 TIME - 1830	NR.CASPER,WY	PIPER PA-18A N8081C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 27, 1731 TOTAL HOURS, 458 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  LARAMIE,WY
INTENDED DESTINATION
  BUFFALO,WY
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
FACTOR(S)
  MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- POWER LINES.

```
FILE    DATE           LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1155  4/2/79     MISSING AIRCRAFT      BEECH E18S          CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 38, 2000
        TIME - UNK/NR                    N4442               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 17 IN TYPE,
                                         DAMAGE-UNKNOWN                                               INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          FT.LAUDERDALE,FL             CAT ISLAND,BAHAMAS
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          MISSING AIRCRAFT,NOT RECOVERED                            UNKNOWN/NOT REPORTED

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        REMARKS- ACFT DMG AND INJURY INDEX PRESUMED.


3-1080  4/24/79    MISSING AIRCRAFT      PIPER PA-28R        CR-  1  0  0  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1922                      N7480J              PX-  3  0  0  PLEASURE/PERSONAL TRANSP  AGE 28, 1500 TOTAL HOURS,
                                         DAMAGE-DESTROYED                                             20 IN TYPE, INSTRUMENT
                                                                                                      RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          FT LAUDERDALE,FL             NASSAU,BAHAMAS
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          MISSING AIRCRAFT,NOT RECOVERED                            UNKNOWN/NOT REPORTED

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        REMARKS- ACFT DMG & INJURIES PRESUMED.


3-1078  1/26/79    SAN JUAN,PR           PIPER PA-28         CR-  0  0  1  NONCOMMERCIAL               STUDENT, AGE 28, 49 TOTAL
        TIME - 1540                      N7309J              PX-  0  0  0  PLEASURE/PERSONAL TRANSP  HOURS, 7 IN TYPE, NOT
                                         DAMAGE-DESTROYED                                             INSTRUMENT RATED.
        NAME OF AIRPORT - PUERTO RICO INTL
        DEPARTURE POINT              INTENDED DESTINATION
          ISLA GRANDE,PR               CULEBRA,PR
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          DITCHING                                                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - LUBRICATING SYSTEM  LINES,HOSES,FITTING
          MISCELLANEOUS ACTS,CONDITIONS - BURST
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
```

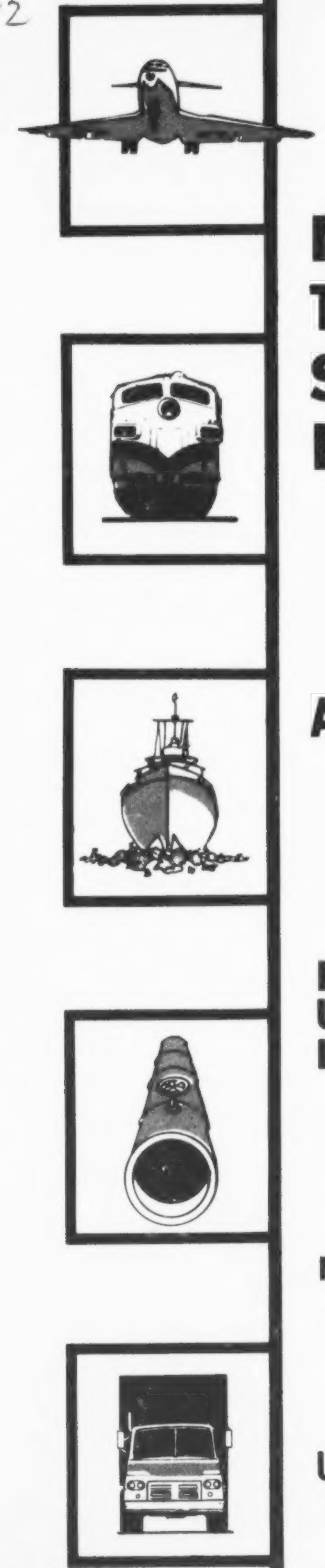
BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1079	5/11/79 TIME - 0611	SAN JUAN,PR	BEECH G18S N966YH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 10 OT- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 22, 3200 TOTAL HOURS, 160 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PUERJO RICO INTL
DEPARTURE POINT
AGUADILLA,PR
INTENDED DESTINATION
SAN JUAN,PR
TYPE OF ACCIDENT
COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION
TAXI FROM LANDING

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE
REMARKS- VEHICLE CROSSING TAXIWAY COLLIDED WITH ACFT

80-2



NATIONAL TRANSPORTATION SAFETY BOARD

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AIRCRAFT ACCIDENT REPORTS

BRIEF FORMAT
U.S. CIVIL AVIATION
ISSUE NUMBER 5 OF 1979 ACCIDENTS

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15. Supplementary Notes		

16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 299 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

File Numbers: 3-1201 thru 3-1467
3-1469 thru 3-1500

17. Key Words (Aviation accident, Statistical Analysis) (Civil aviation, Aviation accidents), probable cause, pilot certificate, injuries, type of accident, phase of operation, kind of flying, aircraft damage, conditions of light.		18. Distribution Statement This document is available to the public through the National Technical Information Service, Springfield, VA 22151	
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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident

An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury

Any injury which results in death within 7 days of the accident.

Serious Injury

Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
: Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
: Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
: Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
: Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

KIND OF FLYING

2. Noncommerical Flying
Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

    Pleasure
    Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

    Business
    The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

    Corporate/Executive Operations
    The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 - 2,250 kilograms	(0 - 4,960 pounds)
2,251 - 5,700 kilograms	(4,961 - 12,565 pounds)
5,701 - 27,000 kilograms	(12,566 - 59,525 pounds)
27,001 - 272,000 kilograms	(59,526 - 599,650 pounds)
272,001 - kilograms and greater	(599,651 pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	CTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CCNTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 5
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	26	22	48	204			300
COPILOT	2			4			6
DUAL STUDENT	1	1	2	9			13
CHECK PILOT							
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT							
EXTRA CREW	2						2
PASSENGERS	24	14	31	142			211
TOTAL	55	37	81	359		ABOARD	532
OTHER AIRCRAFT							
OTHER GROUND	3	2	3	2			10
GRAND TOTAL	58	39	84	361			542

INVOLVES 299 TOTAL ACCIDENTS
INVOLVES 28 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 5
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 299 TOTAL ACCIDENTS

INVOLVES 28 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT				5	1	6	5	1	6
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	2	2	4	1	1	2	3	3	6
BECAME LOST/DISORIENTED				1		1	1		1
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	2		2	4		4	6		6
DELAYED ACTION IN ABORTING TAKEOFF				9		9	9		9
DELAYED IN INITIATING GO-AROUND	2		2	9		9	11		11
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	1		1	4	1	5	5	1	6
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	2		2				2		2
FAILED TO EXTEND LANDING GEAR				3		3	3		3
FAILED TO RETRACT LANDING GEAR		1	1					1	1
INADVERTENTLY RETRACTED GEAR				1		1	1		1
FAILED TO SEE AND AVOID OTHER AIRCRAFT	2		2				2		2
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	1		1	10		10	11		11
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	9		9	28		28	37		37
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE				2		2	2		2
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				4		4	4		4
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	3	1	4	2		2	5	1	6
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	2		2	6		6	8		8
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				11	1	12	11	1	12
IMPROPER OPERATION OF FLIGHT CONTROLS	1		1	4		4	5		5
PREMATURE LIFT OFF				5	1	6	5	1	6
IMPROPER LEVEL OFF				13		13	13		13
IMPROPER IFR OPERATION	1		1	2		2	3		3
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	1		1	8	2	10	9	2	11
IMPROPER COMPENSATION FOR WIND CONDITIONS				16	1	17	16	1	17
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING		1	1	28	5	33	28	6	34
INADEQUATE SUPERVISION OF FLIGHT				2	1	3	2	1	3
LACK OF FAMILIARITY WITH AIRCRAFT		2	2	2	5	7	2	7	9
MISMANAGEMENT OF FUEL				20		20	20		20
EXERCISED POOR JUDGMENT				1		1	1		1
OPERATED CARELESSLY					1	1		1	1
SELECTED UNSUITABLE TERRAIN				13		13	13		13
IMPROPER STARTING PROCEDURES				1	1	2	1	1	2
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				1		1	1		1
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS		1	1	2		2	2	1	3
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	1		1	3		3	4		4
MISJUDGED DISTANCE AND SPEED	1		1	6		6	7		7
MISJUDGED DISTANCE AND ALTITUDE				7		7	7		7
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
MISJUDGED SPEED AND CLEARANCE				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE	2		2	3		3	5		5
MISJUDGED ALTITUDE	1		1	1		1	2		2
MISJUDGED CLEARANCE	2		2	8		8	10		10
IMPROPER RECOVERY FROM BOUNCED LANDING				9	1	10	9	1	10
SPATIAL DISORIENTATION	4		4				4		4
MISUSED OR FAILED TO USE FLAPS		1	1	1	2	3	1	3	4
FAILED TO MAINTAIN DIRECTIONAL CONTROL				10		10	10		10
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				4		4	4		4
FAILED TO ABORT TAKEOFF				4		4	4		4
FAILED TO INITIATE GO-AROUND				6		6	6		6
SUBTOTAL	40	9	49	283	24	307	323	33	356
DUAL STUDENT									
IMPROPER OPERATION OF FLIGHT CONTROLS				1		1	1		1
LACK OF FAMILIARITY WITH AIRCRAFT					1	1		1	1
MISJUDGED DISTANCE AND ALTITUDE				1		1	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				1		1	1		1
SUBTOTAL				4	1	5	4	1	5

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
INADEQUATE SUPERVISION OF FLIGHT				1		1	1		1
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	1		1	3		3	4		4
IMPROPERLY SERVICED AIRCRAFT(OWNER-PILOT)				1		1	1		1
INADEQUATE MAINTENANCE AND INSPECTION				10	1	11	10	1	11
OPERATIONAL SUPERVISORY PERSONNEL									
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS	2		2				2		2
INADEQUATE SPACING OF AIRCRAFT	2		2				2		2
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	2		2				2		2
GROUND SIGNALMAN					1	1		1	1
DRIVER OF VEHICLE					2	2		2	2
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	7		7	15	4	19	22	4	26
** AIRFRAME **									
WINGS									
SPARS									
FUSELAGE		1	1					1	1
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				2		2	2		2
NORMAL RETRACTION/EXTENSION ASSEMBLY				3	1	4	3	1	4
TAILWHEEL ASSEMBLIES				1		1	1		1
NOSEWHEEL ASSEMBLIES				1		1	1		1
BRAKING SYSTEM (NORMAL)				9		9	9		9
LANDING GEAR WARNING AND INDICATING COMPONENTS					1	1		1	1
GEAR LOCKING MECHANISM				1		1	1		1
FLIGHT CONTROL SURFACES									
SUBTOTAL		1	1	17	2	19	17	3	20
** POWERPLANT **									
ENGINE STRUCTURE									
MASTER AND CONNECTING RODS				4		3	3		3
CYLINDER ASSEMBLY				3		3	3		3
VALVE ASSEMBLIES				2		2	2		2
BLOWER, IMPELLER ASSEMBLY				1		1	1		1
IGNITION SYSTEM									
MAGNETOES				3	1	4	3	1	4
FUEL SYSTEM									
TANKS	1		1				1		1
LINES AND FITTINGS				1		1	1		1
CARBURETOR				2		2	2		2
PUMPS				1		1	1		1
FUEL INJECTION SYSTEM				1		1	1		1
OTHER				1	1	2	1	1	2
LUBRICATING SYSTEM									
LINES, HOSES, FITTINGS				2		2	2		2
COOLING SYSTEM									
OTHER					1	1		1	1
PROPELLER AND ACCESSORIES									
BLADE RETENTION MECHANISM				1		1	1		1
EXHAUST SYSTEM									
ENGINE ACCESSORIES									
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				1		1	1		1
INDUCTION AIR, PREHEAT CONTROLS				1		1	1		1
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					2	2		2	2
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	2		2	15		15	17		17
REDUCTION GEAR ASSEMBLY									

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
BEARING, SHAFT				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	3		3	39	5	44	42	5	47
** SYSTEMS **									
ELECTRICAL SYSTEM									
BATTERIES					1	1		1	1
GENERATORS/ALTERNATORS	1		1	1		1	2		2
HYDRAULIC SYSTEM									
RESERVOIR, LINES, FITTINGS				3		3	3		3
SHUT-OFF VALVE				1		1	1		1
FLIGHT CONTROL SYSTEMS									
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	1		1	5	1	6	6	1	7
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
TRANSMITTERS AND/OR RECEIVERS					1	1		1	1
MISCELLANEOUS EQUIPMENT									
GLIDER LAUNCH/TOW EQUIPMENT				1		1	1		1
SUBTOTAL				1	1	2	1	1	2
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
UNIVERSAL JOINTS, COUPLINGS				1		1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL				1		1	1		1
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
RUNWAY LIGHTING					1	1		1	1
AIRPORT CONDITIONS									
WET RUNWAY					6	6		6	6
SNOW ON RUNWAY					1	1		1	1
HIGH VEGETATION					2	2		2	2
SOFT RUNWAY					2	2		2	2
OTHER					8	8		8	8
AIRWAYS FACILITIES									
SUBTOTAL					20	20		20	20
** WEATHER **									

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WEATHER (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
LOW CEILING		5	5		4	4		9	9
RAIN		1	1		2	2		3	3
FOG		4	4		2	2		6	6
SNOW		1	1		2	2		3	3
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		1	1					1	1
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING		1	1		3	3		4	4
UNFAVORABLE WIND CONDITIONS					19	19		19	19
WIND SHEAR					3	3		3	3
DOWNDRAFTS, UPDRAFTS					5	5		5	5
HIGH TEMPERATURE					1	1		1	1
OBSTRUCTIONS TO VISION		1	1					1	1
HIGH DENSITY ALTITUDE					4	4		4	4
SUBTOTAL		14	14		45	45		59	59
** TERRAIN **									
WET, SOFT GROUND				3	5	8	3	5	8
HIGH VEGETATION				3	3	6	3	3	6
HIDDEN OBSTRUCTIONS					2	2		2	2
ROUGH/UNEVEN				2	9	11	2	9	11
HIGH OBSTRUCTIONS		5	5	4	23	27	4	28	32
OTHER				1	3	4	1	3	4
SUBTOTAL		5	5	13	45	58	13	50	63
** MISCELLANEOUS **									
FOREIGN OBJECT DAMAGE					2	2		2	2
SMOKE IN COCKPIT					1	1		1	1
				1		1	1		1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				1		1	1		1
UNDETERMINED	2		2	6		6	8		8
VORTEX TURBULENCE				2		2	2		2
ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP					1	1		1	1
EVASIVE MANEUVER TO AVOID COLLISION				2	2	4	2	2	4
UNQUALIFIED PERSON OPERATED AIRCRAFT				2		2	2		2
SUBTOTAL	2		2	14	6	20	16	6	22
GRAND TOTAL	53	29	82	392	154	546	445	183	628
** MISCELLANEOUS ACTS, CONDITIONS **									
LEAK/LEAKAGE				2		2	2		2
LOW FLUID LEVEL				2		2	2		2
RUNWAY CLOSED					1	1		1	1
DOWNWIND					3	3		3	3
CARBON DEPOSITS					1	1		1	1
LOOSE, PART/FITTING				2		2	2		2
GROUND RESONANCE				2		2	2		2
BINDING				2		2	2		2
COLLAPSED				1		1	1		1
DISCONNECTED				1		1	1		1
ERRATIC					1	1		1	1
GROUNDED					1	1		1	1
IMPROPERLY INSTALLED	1		1	2		2	3		3
OBSTRUCTED				2	1	3	2	1	3
EXCESSIVE PRESSURE				1	1	2	1	1	2
PRESSURE TOO LOW				1		1	1		1
STRIPPED				1		1	1		1
VIBRATION, EXCESSIVE				1		1	1		1
LOAD NOT JETTISONED					2	2		2	2
FAILED TO USE LANDING LIGHT(S)				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				1	1	2	1	1	2
RAN OFF END OF RUNWAY					8	8		8	8
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	1		1	2		2	3		3
DISREGARD OF GOOD OPERATING PRACTICE	1		1	1	2	3	2	2	4
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				3	2	5	3	2	5
UNWARRANTED LOW FLYING	1	1	2	1	2	3	2	3	5
FAILED TO USE ALL AVAILABLE RUNWAY				1	1	2	1	1	2
INATTENTIVE TO FUEL SUPPLY				1		1	1		1
FLEW INTO BLIND CANYON				1		1	1		1
POORLY PLANNED APPROACH					1	1		1	1
MISCALCULATED FUEL CONSUMPTION				4		4	4		4

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
JETTISONED LOAD		1	1		1	1		2	2
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT					3	3		3	3
LANDED ON FOAMED RUNWAY					1	1		1	1
IMPROPERLY SECURED				1		1	1		1
ELECTRICAL FAILURE	1		1	1	1	2	2	1	3
ENGINE LOADED UP				2		2	2		2
WRONG PART				2		2	2		2
IMPROPER ALIGNMENT/ADJUSTMENT					2	2		2	2
FAILURE OF TWO OR MORE ENGINES					1	1		1	1
SEPARATION IN FLIGHT		3	3					3	3
CORRODED/CORROSION				1		1	1		1
PILOT FATIGUE					2	2		2	2
FUEL EXHAUSTION				17		17	17		17
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL				2		2	2		2
ICE-CARBURETOR	1		1	4		4	5		5
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	1		1	3	3	6	4	3	7
INTERFERENCE WITH FLIGHT CONTROLS				1		1	1		1
SUNGLARE		2	2		3	3		5	5
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1		1	1		1
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				1	1	2	1	1	2
SIMULATED CONDITIONS					1	1		1	1
WATER IN FUEL				3		3	3		3
AIRCRAFT CAME TO REST IN WATER					5	5		5	5
MISSING				2		2	2		2
TOUCH AND GO LANDING					3	3		3	3
OVERLOAD FAILURE					19	19		19	19
MATERIAL FAILURE				19	1	20	19	1	20
FUEL STARVATION	1		1	7		7	8		8

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE
CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1201	N8648M	060679	OLATHE,KS	BEECH	P35	NONE
3 1202	N3JD	060579	WICHITA,KS	STITTS	JD1	FATAL
3 1203	N7798K	051979	RADIUM,KS	PIPER	PA-20	SERIOUS
3 1204	N1030	061579	SISTERS,OR	BEECH	D-17S	MINOR
3 1205	N9433N	050879	GRANTS PASS,OR	PIPER	PA-28R	MINOR
3 1206	N4999X	052579	NHELIX,OR	AERO COMDR	S2R	NONE
3 1207	N59520	051879	NISLAND CITY,OR	BELL	206B	MINOR
3 1208	N93465	060279	ISSAQUAH,WA	LET BLANIK	L-13	NONE
3 1209	N991MP	052679	MERCER ISLAND,WA	CESSNA	177B	NONE
3 1210	N80918	071379	PUYALLUP,WA	GLOBE	SWIFT	MINOR
3 1211	N8601F	050979	SPOKANE,WA	HUGHES	369D	MINOR
3 1212	N72377	062079	WENATCHEE,WA	CESSNA	337	NONE
3 1213	N2283Z	060379	SPANGLE,WA	FLYBABY	1	MINOR
3 1214	N226RM	041979	NDARBY,MT	BELL	214B-1	FATAL
3 1215	N9535L	040179	POMPEY,NY	GRUM AMER	AA-5	FATAL
3 1216	N4293M	062779	STILLMANVILLE NJ	PIPER	PA-12	FATAL
3 1217	N8916P	031879	PIERRE,SD	PIPER	PA-24	NONE
3 1218	N87DP	052079	MIDDLETON,WI	PICCARD	AX-6	SERIOUS
3 1219	N53791	051479	WAIPAHU,HI	BELLANCA	7GCBC	NONE
3 1220	N5301K	060879	MAPLETON,IA	NAVION	B	MINOR
3 1221	N17917	070179	ROBERT,LA	SCHWEIZER	SGS126	NONE
3 1222	N1150W	062979	MANVEL,TX	BELL	47G-4	NONE
3 1223	N9733P	052279	ANSON,TX	PIPER	PA-25	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1224	N89215	070179	BEAUMONT,TX	CESSNA	152	MINOR
3 1225	N67156	051979	LEXINGTON,OH	HILLER	UH-12E	NONE
3 1226	N4644	061079	JOHNSTOWN,OH	BENSON	B8M	SERIOUS
3 1227	N7649H	051279	BIRCHWOOD,AK	PIPER	PA-12	NONE
3 1228	N65992	030779	NNELSON LAGOON,AK	CESSNA	180	NONE
3 1229	N7637S	042979	NORTHWAR,AK	BELLANCA	7GCBC	NONE
3 1230	N59637	070679	NNAKNEK,AK	PIPER	PA-18	NONE
3 1231	N6721B	042279	NTAHOE CITY,CA	CESSNA	T210M	FATAL
3 1232	N1115X	061679	BIG BEAR,CA	PIPER	PA-28	NONE
3 1233	N3857W	060379	BIG BEAR CITY,CA	PIPER	PA-32	MINOR
3 1234	N41022	070279	NGREELEYVILLE,SC	CESSNA	152	NONE
3 1235	N41022	062179	TRENTON,SC	CESSNA	421B	NONE
3 1236	N15425	050579	HAGERTOWN,IN	PIPER	PA-28	NONE
3 1237	N27554	052879	INDIANAPOLIS,IN	BELL	206-11	NONE
3 1238	N6785K	062779	BONO,AR	GRUMAN	G-164	NONE
3 1239	N2637U	060879	PINE BLUFF,AR	CESSNA	172D	MINOR
3 1240	N59673	060979	TUPELO,AR	PIPER	PA-36	FATAL
3 1241	N44764	050179	TALLAHASSEE,FL	PIPER	PA-28	NONE
3 1242	N16884	022479	NTAMPA,FL	BELL	206B	NONE
3 1243	N6204K	051979	PERRY,FL	REPUBLIC	RC3	NONE
3 1244	N60180	040779	INVERNESS,FL	CESSNA	150	MINOR
3 1245	N1990T	072879	MELBOURNE,FL	PIPER	PA-28	NONE
3 1246	N82583	030579	DAYTONA BEACH,FL	N AMERICAN	AT-6F	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1247	N113RH	021679	SARASOTA,FL	AERO COMDR	520	NONE
3 1248	N2089K	041479	USEPPA ISLAND,FL	PIPER	PA-44	NONE
3 1249	N8877H	072079	CROSBY,MS	NAVION	A	SERIOUS
3 1250	N5420C	062479	NRAYMOND,MS	CESSNA	170A	SERIOUS
3 1251	N731VY	060879	NBENTONIA,MS	CESSNA	188	NONE
3 1252	N46761	061379	OZARK,AL	PIPER	PA-18	SERIOUS
3 1253	N4966Y	062879	NOPP,AL	PIPER	PA-25	NONE
3 1254	N13CW	032079	GUNTERSVILLE,AL	CESSNA	210	NONE
3 1255	N41690	070379	BIRMINGHAM,AL	CESSNA	310	NONE
3 1256	N4802	061479	PELL CITY,AL	CESSNA	180	MINOR
3 1257	N469RH	060579	INDIANAPOLIS,IN	BOEING	A75N1	MINOR
3 1258	N7429D	061379	LOWELL,MI	PIPER	PA-22	NONE
3 1259	N8447	072079	ROCKFORD,IL	LACH/BENSEN	88M	MINOR
3 1260	N639R	050679	TRAVERSE CITY,MI	CESSNA	310	NONE
3 1261	N8529Y	032279	MOBILE,AL	PIPER	PA-30	SERIOUS
3 1262	N66027	030179	TALLAHASSEE,FL	CESSNA	150	NONE
3 1263	N6396R	052479	THOMASTON,GA	PIPER	PA-28	NONE
3 1264	N21124	052679	LAURENS,SC	CESSNA	172	NONE
3 1265	N1131X	031879	FELLSMERE,FL	PIPER	PA-28	MINOR
3 1266	N7639L	042079	JONESBORO,ME	LAKE	LA-4	FATAL
3 1267	N9498A	033179	JACKSONVILLE,AL	CESSNA	140	NONE
3 1268	N80013	011279	NLABELLE,FL	DEHAVILLAND	DH-104	NONE
3 1269	N2156M	042979	NARCADIA,FL	PIPER	J-3C	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1270	N9099T	071079	LAMBERT,MS	TOMCAT	MK-5A	NONE
3 1271	N182CD	052579	GREENVILLE,MS	CESSNA	182	NONE
3 1272	N66550	042179	HAWKINSVILLE,GA	CESSNA	150	FATAL
3 1273	N7426N	031579	JOHN DAY,OR	CESSNA	T210N	NONE
3 1274	N2033K	031879	NPERRIS,CA	BEECH	A36	FATAL
3 1275	N3265Y	041579	GLAMIS,CA	CESSNA	182E	FATAL
3 1276	N7249N	032979	CASTLE ROCK,CO	CESSNA	TU206	NONE
3 1277	N1921W	033079	SLATON,TX	BEECH	19	NONE
3 1278	N5969B	062579	NALBION,CA	CESSNA	182A	FATAL
3 1279	N18969	060779	WOODBRIDGE,VA	BEECH	C24R	FATAL
3 1280	N13435	060679	ELLINGTON,CT	CESSNA	172	NONE
3 1281	N2556T	041379	ST CLOUD,MN	NAVION	H	NONE
3 1282	N3618Z	060179	COLLEGE PARK,MD	PIPER	PA-22	NONE
3 1283	N4591X	062479	DOUGLAS,AZ	PIPER	PA-28	NONE
3 1284	N7228E	063079	NOSCEOLA,WI	CESSNA	182B	MINOR
3 1285	N3550	061979	EARLE,AR	BELL	47G-2	NONE
3 1286	N707FW	060179	CHERRY VALLEY,AR	BELL	204	NONE
3 1287	N5931M	072079	FLIPPIN,AR	CESSNA	340	NONE
3 1288	N4895X	061879	MONTROSE,AR	AERO COMDR	S2R	NONE
3 1289	N31959	061779	MOUNTAIN HOME,AR	AERONCA	11AC	SERIOUS
3 1290	N9715	080679	NKENSETT,AR	GRUMMAN	G-164A	SERIOUS
3 1291	N291R	080279	KEO,AR	PIPER	PA-30	NONE
3 1292	N1717H	031079	AUGUSTA,GA	CESSNA	310C	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1293	N122LT	040779	FAYETTEVILLE,GA	DEHAVILLAND	DHC-1	SERIOUS
3 1294	N7622P	031879	HAWKINSVILLE,GA	PIPER	PA-24	NONE
3 1295	N3137T	060779	TOMBALL,TX	CESSNA	177	NONE
3 1296	N9996L	061779	FREER,TX	GRUM-AMER	AA1-B	NONE
3 1297	N345T	022679	HOUSTON,TX	SWEARINGEN	SA26AT	NONE
3 1298	N7EH	051979	MORGAN POINT,TX	PITTS	S1C	FATAL
3 1299	N6505C	051479	NAPA,CA	PIPER	PA-28	NONE
3 1300	N77VV	060379	HALF MOON BAY,CA	GEE BEE	Z	MINOR
3 1301	N9877A	051979	NLAYTONVILLE,CA	CESSNA	195	FATAL
3 1302	N1109J	072479	LONG BEACH,CA	AERO COMDR	112A	MINOR
3 1303	N67280	081179	BLYTHE,CA	GRUMMAN	G-164B	SERIOUS
3 1304	N66781	051179	FAIRFIELD,NJ	CESSNA	150	NONE
3 1305	N53097	072279	THAYER,MO	CESSNA	177RG	SERIOUS
3 1306	N83351	070279	NCHUITI RIVER,AK	PIPER	PA-18	NONE
3 1307	N23150	060979	MILLINOCKET,ME	PIPER	J-3	NONE
3 1308	N34070	052579	VENICE CENTER,NY	PIPER	PA-32	NONE
3 1309	N7370T	052879	MT KISCO,NY	CESSNA	172H	NONE
3 1310	N6713W	042179	MONTAUK,NY	PIPER	PA-28	NONE
3 1311	N5965F	060679	SAN CARLOS,CA	PIPER	PA-28	NONE
3 1312	N66688	062879	ST. CHARLES,MI	CESSNA	150M	NONE
3 1313	N31252	070779	NWEST BRANCH,MI	BELLANCA	7GCAA	MINOR
3 1314	N3309U	051979	MASSAPEQUA,NY	CESSNA	182	FATAL
3 1315	N16140	071479	MOUNDSVILLE,WV	CESSNA	150	MINOR

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1316	N8674F	053079	AMHERSTDALE,WV	HUGHES	369D	NONE
3 1317	N57320	072879	COLUMBIA,MO	PIPER	PA-28	NONE
3 1318	N1667E	060179	MACKVILLE,KY	CESSNA	172N	FATAL
3 1319	N8880H	072979	RENO,NV	RYAN	NAV-4	NONE
3 1320	N91526	070179	BOONE,NC	CESSNA	182M	NONE
3 1321	N90478	080979	WAILUKU MAUI,HI	HILLER	12E	MINOR
3 1322	N51717	072879	NAUBURN,NE	ENSTROM	F28C	NONE
3 1323	N13G	060379	BOXBORO,MA	MINIPLANE	DSA-1	NONE
3 1324	N6045Z	061479	NATWOOD,KS	PIPER	PA-25	SERIOUS
3 1325	N6256J	051779	DODGEVILLE,WI	PIPER	PA-32	NONE
3 1326	N731YL	082379	WABBASEKA,AR	CESSNA	A188B	NONE
3 1327	N7605Z	080779	MCGEHEE,AR	PIPER	PA-25	NONE
3 1328	N9693	051679	LEBLANC,LA	GRUMMAN	G164	NONE
3 1329	N8384	041979	BASILE,LA	GRUMMAN	G-164A	NONE
3 1330	N8699H	060879	NELTON,LA	GRUMMAN	G-164A	NONE
3 1331	N1674C	070879	NLANDUSKY,MT	CESSNA	180	NONE
3 1332	N5493H	060579	NCIRCLE,MT	PIPER	PA-18	NONE
3 1333	N2467H	073179	BILLINGS,MT	ERCO	415-C	NONE
3 1334	N87330	061079	NSULA,MT	CESSNA	TU206F	SERIOUS
3 1335	N133RW	052179	NBELGRADE,MT	SCORPION	II	NONE
3 1336	N4584L	040979	LAKEWAY,TX	CESSNA	421	NONE
3 1337	N4181R	071979	FT.WORTH,TX	PIPER	PA-32	NONE
3 1338	N4776Y	082379	COYANOSA,TX	PIPER	PA-25	MINOR

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3 1339	N874V	071479	BISHOP,CA	BROWNE	B	NONE
3 1340	N704WY	052879	29 PALMS,CA	CESSNA	150M	NONE
3 1341	N704PZ	062379	ISLIP,NY	CESSNA	150	NONE
3 1342	N3509F	060179	ELLENVILLE,NY	CESSNA	182	NONE
3 1343	N50016	011079	HARTFORD,NY	CESSNA	177RG	NONE
3 1344	N8286H	072479	HAMMETT,ID	CALLAIR	A-9	MINOR
3 1345	N6534Z	050379	NOROFINO,ID	PIPER	PA-25	SERIOUS
3 1346	N8225G	062979	NABERDEEN,ID	CESSNA	188	FATAL
3 1347	N676U	071079	CLARENCE,MO	GRUMMAN	G-164A	NONE
3 1348	N1869A	053179	NELKO,NV	PIPER	PA-18	NONE
3 1349	N4865Y	071779	NKEARNEY,NE	PIPER	PA-25	MINOR
3 1350	N5034K	042879	NST.ALBANS,VT	BELLANCA	7GCBC	MINOR
3 1351	N5968X	040179	FLANDERS,NJ	BRANTLY	B2	NONE
3 1352	N26LM	060879	FOSSTON,MN	CESSNA	175	MINOR
3 1353	N3958E	052679	SABIN,MN	PIPER	PA-36	MINOR
3 1354	N456LH	062279	NDAWSON,ND	CESSNA	182Q	FATAL
3 1355	N8131V	071579	BASSETT,NE	CESSNA	188A	NONE
3 1356	N9956P	072779	HAYES,SD	PIPER	PA-36	NONE
3 1357	N53829	071479	MEADOW,SD	BELLANCA	7GCBC	NONE
3 1358	N2172J	070579	GARSKY,ND	CESSNA	A188B	NONE
3 1359	N4807R	051879	NHUNTLEY,NE	CESSNA	188	NONE
3 1360	N3397W	081179	NHAY SPRINGS,NE	PIPER	PA-32	NONE
3 1361	N5520D	063079	OMAHA,NE	CESSNA	172	MINOR

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1362	N9710U	042879	TUCSON,AZ	GRUMMAN	AA-1C	NONE
3 1363	N7340U	051679	SHOW LOW,AZ	CESSNA	207	NONE
3 1364	N8108Z	061079	ROLLA,MO	CESSNA	210-5	MINOR
3 1365	N4065V	080179	OZARK,MO	CESSNA	150	NONE
3 1366	N2293H	052679	NGRAIN VALLEY,MO	BALLOON WKS	FIREFY	SERIOUS
3 1367	N47814	071579	MOUNTAIN GROVE,MO	BENSEN	GYRO	NONE
3 1368	N1461E	073179	ST PETERS,MO	CESSNA	172	NONE
3 1369	N75360	072179	EFFINGHAM,KS	BOEING	A75	NONE
3 1370	N8861L	062979	GARNETT,KS	GRUMMAN	AA1B	NONE
3 1371	N4TW	070479	GARNETT,KS	PITTS	S2	NONE
3 1372	N3935K	070479	LEAWOOD,KS	PIPER	PA-28	NONE
3 1373	N60LG	072079	OTTAWA,KS	PITTS	S2A	NONE
3 1374	N6462C	072679	HALSTEAD,KS	PIPER	PA-28	NONE
3 1375	N7129T	072779	NSHARON SPRINGS,KS	CESSNA	172	NONE
3 1376	N28756	080679	HOXIE,KS	GRUMMAN	AA5B	NONE
3 1377	N738AT	082179	WICHITA,KS	CESSNA	172N	NONE
3 1378	N89142	062779	ARKANSAS CITY,KS	CESSNA	152	SERIOUS
3 1379	N7205V	080179	NMT.HOME,ID	CALLAIR	A-9	FATAL
3 1380	N9851A	060979	MCCALL,ID	CESSNA	190	NONE
3 1381	N9108G	071179	FLUSHING,MI	CESSNA	182	NONE
3 1382	N66427	061579	UTICA,MI	CESSNA	150M	SERIOUS
3 1383	N3019M	060979	NMANCHESTER,MI	EIRIAVION	PIK-20	NONE
3 1384	N6288V	071879	TROY,MI	BEECH	D-55	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1385	N9180	072279	ADRIAN,MI	SCHLEICHER	AS-K13	SERIOUS
3 1386	N5529K	062379	OWOSSOW,MI	BELLANCA	7ECA	NONE
3 1387	N74543	052079	EMPORIUM,PA	MOONEY	M20B	NONE
3 1388	N21974	053179	WATERFORD,PA	CESSNA	150	NONE
3 1389	N1996L	050779	CENTRAL CITY,PA	BEECH	C23	NONE
3 1390	N62721	061079	PROSPECTVILLE,PA	PIPER	PA-23	NONE
3 1391	N8397J	070179	SLATINGTON,PA	CESSNA	150G	NONE
3 1392	N1604R	070579	ELIZABETHTOWN,PA	GRUMMAN	AA1B	NONE
3 1393	N2884B	061679	WAUPWALLOPEN,PA	BELL	47G-2	SERIOUS
3 1394	N9741D	070779	ZELIENOPLE,PA	PIPER	PA-22	NONE
3 1395	N45922	070879	ALBION,PA	LUSCOMBE	8A	MINOR
3 1396	N757VT	070379	WEST MIFFLIN,PA	CESSNA	152	NONE
3 1397	N59326	061979	HANOVER,PA	BELL	47D-1	MINOR
3 1398	N101JE	070679	COLUMBUS,OH	VARIVIGGEN	EDGAR	FATAL
3 1399	N4513V	080679	NSTILWELL,KS	BEECH	35	MINOR
3 1400	N4744J	081179	READING,KS	BEECH	A23-24	NONE
3 1401	N19030	080979	NBONNER SPRINGS,KS	CESSNA	150L	NONE
3 1402	N89876	081179	NCLEMENTS,KS	CESSNA	152	NONE
3 1403	N2007L	090479	NEWTON,KS	BEECH	C23	NONE
3 1404	N800BC	082479	TOPEKA,KS	CESSNA	340A	MINOR
3 1405	N8634H	060879	NEWTON,NC	RYAN	NAVION	NONE
3 1406	N66031	061279	SHELBY,NC	CESSNA	150	MINOR
3 1407	N5792K	012679	FRANKLIN,NC	BEECH	S35	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1408	N5665E	052079	CHARLOTTE,NC	CESSNA	150	NONE
3 1409	N4399J	051379	LINDEN,NC	PIPER	PA-28	NONE
3 1410	N1955L	060179	NTUSCALOOSA,AL	BEECH	C23	FATAL
3 1411	N85663	070479	PELL CITY,AL	AERONCA	7AC	NONE
3 1412	N4715R	071779	CUT OFF,LA	BELL	206B	FATAL
3 1413	N28JL	070279	LAFAYETTE,LA	CESSNA	185F	NONE
3 1414	N8685H	062679	NKINDER,LA	GRUMMAN	G-164A	NONE
3 1415	N12NT	051979	VENICE,LA	CESSNA	185A	NONE
3 1416	N9301J	051679	PATTERSON,LA	PIPER	PA-28	NONE
3 1417	N38092	072879	PLAUCHEVILLE,LA	BELL	47WASP	NONE
3 1418	N8629H	051679	BASILE,LA	GRUMMAN	G-164A	NONE
3 1419	N6586	061879	BASIL,LA	GRUMMAN	G-164A	NONE
3 1420	N4251X	081579	WATERPROOF,LA	ROCKWELL	S-2R	FATAL
3 1421	N4958X	071379	NJONESVILLE,LA	SNOW	S2R	MINOR
3 1422	N75625	070879	NEL DORADO,AR	CESSNA	172	NONE
3 1423	N166	073179	NPLAUCHEVILLE,LA	BELL	47G-2A	NONE
3 1424	N4440N	082379	NTALLULAH,LA	BOEING	A75N1	NONE
3 1425	N73214	062479	GRAND ISLE,LA	CESSNA	172	NONE
3 1426	N9240Z	052179	RAWLINS,WY	CESSNA	172E	MINOR
3 1427	N97419	050479	NPOINT OF ROCKS,WY	STINSON	108	NONE
3 1428	N8436P	053179	ROCK SPRINGS,WY	PIPER	PA-24	NONE
3 1429	N9083M	071179	NCODY,WY	CESSNA	180	NONE
3 1430	N340ME	050879	ROCK SPRINGS,WY	CESSNA	340	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1431	N8667F	070179	LABARGE,WY	HUGHES	369D	NONE
3 1432	N66053	061579	KINNEAR,WY	BOEING	A75-N1	NONE
3 1433	N8628L	071579	BELVIDERE,SD	PIPER	PA-25	NONE
3 1434	N65583	061079	DELMONT,SD	CESSNA	152	NONE
3 1435	N5426D	061479	WILCOX,NE	BEECH	H35	SERIOUS
3 1436	N9910U	060279	ONEILL,NE	GRUMMAN	AA5A	NONE
3 1437	N4513R	081179	NHAY SPRINGS,NE	PIPER	PA-28	MINOR
3 1438	N33281	081279	NNORTH PLATTE,NE	CESSNA	177RG	NONE
3 1439	N754WW	081779	NHARTINGTON,NE	PIPER	PA-28	MINOR
3 1440	N6014M	082479	O'NEILL,NE	BEECH	C23	NONE
3 1441	N30782	062679	HAIGLER,NE	CESSNA	177B	NONE
3 1442	N62397	072179	MINOT,ND	HILLER	UH-12D	NONE
3 1443	N911V	080379	BISMARCK,ND	BEECH	V35	NONE
3 1444	N2515A	082279	NLEEDS,ND	PIPER	PA-18	NONE
3 1445	N6604	041079	NNEWBERN,TN	GRUMMAN	G-164	NONE
3 1446	N534B	071979	GREENEVILLE,TN	BEECH	A35	MINOR
3 1447	N70083	070579	ELIZABETHTON,TN	CESSNA	A185	NONE
3 1448	N3679T	052479	ELK VALLEY,TN	TAYLORCRAFT	F-19	MINOR
3 1449	N7260Z	062179	COVINGTON,TN	PIPER	PA-25	NONE
3 1450	N5052H	052579	CLEVELAND,TN	CESSNA	172	NONE
3 1451	N1254X	052879	OAK RIDGE,TN	MOONEY	M-20F	SERIOUS
3 1452	N170DR	052679	BENTON,TN	SCHLEICHER	KA-8BB	NONE
3 1453	N8619C	060679	DUNLAP,TN	PIPER	PA-22	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1454	N35647	061079	NASHVILLE,TN	CESSNA	177RG	NONE
3 1455	N516KA	060179	NEW YORK,NY	AGUSTA	109A	NONE
3 1456	N3219C	090679	EL MONTE,CA	BEECH	F35	NONE
3 1457	N86725	042879	WARWICK,NY	BELLANCA	14-13	MINOR
3 1458	N4790R	040879	LONG BEACH,CA	BELL	206	MINOR
3 1459	N4786M	011679	WILMINGTON,DE	BEECH	58	MINOR
3 1460	N500TC	071179	HUDSONVILLE,MI	CESSNA	172	NONE
3 1461	N2748H	072479	WOODLAND,MI	ERCO	415-C	NONE
3 1462	N6171U	071579	ELK RAPIDS,MI	SMITH SPORT	AIRE	FATAL
3 1463	N8881H	071379	NBATESVILLE,MS	GRUMMAN	G-164A	NONE
3 1464	N4910R	070779	NLYMAN,MS	CESSNA	A188B	FATAL
3 1465	N7563F	071479	NCROWDER,MS	BELLANCA	7KCAB	MINOR
3 1466	N8758Y	041879	NRICH,MS	PIPER	PA-30	FATAL
3 1467	N7634	062779	HUTCHINSON,MN	PIPER	PA-25	NONE
3 1469	N4470E	041179	ALBUQUERQUE,NM	PIPER	PA-38	NONE
3 1470	N69130	060979	CLOVIS,NM	BEECH	A23-19	NONE
3 1471	N333JB	073079	GREEN BAY,WI	CESSNA	182	NONE
3 1472	N2236B	041579	LORDSBURG,NM	PIPER	PA-28	NONE
3 1473	N12540	053079	SILVER CITY,NM	CESSNA	172M	MINOR
3 1474	N9004C	052679	LAS CRUCES,NM	CESSNA	180	NONE
3 1475	N8890T	051379	DEMING,NM	CESSNA	182	MINOR
3 1476	N761ST	081579	ALBUQUERQUE,NM	CESSNA	TC210	NONE
3 1477	N93650	040779	APPLETON,WI	CESSNA	150M	NONE

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1478	N7402Z	071379	NDEMING,NM	PIPER	PA-25	SERIOUS
3 1479	N2124J	062979	WHITES CITY,NM	PIPER	PA-28	NONE
3 1480	N2873B	011779	OPA LOCKA,FL	BELL	47G2	FATAL
3 1480	USCG1376	011779	OPA LOCKA,FL	SIKORSKY	HH52A	FATAL
3 1481	N9317F	061179	ALBUQUERQUE,NM	HUGHES	269B	NONE
3 1482	N26250	021379	DEMING,NM	GRUM AMER	AA5A	NONE
3 1483	N3244E	070579	SANTA ROSA,NM	CESSNA	172	MINOR
3 1484	N2142W	052379	CLOVIS,NM	BEECH	C-23	NONE
3 1485	N45CG	072979	MID VALLEY,NM	STINSON	108-2	NONE
3 1486	N1565	042279	LAS CRUCES,NM	PIPER	J3C	NONE
3 1487	N94AP	032279	NTULAROSA,NM	HILLER	UH-12D	MINOR
3 1488	N5494U	050479	LORDSBURG,NM	BEECH	35-C33	NONE
3 1489	N5133F	060379	NLAS VEGAS,NM	CESSNA	172	NONE
3 1490	N54F	050579	ARTESIA,NM	PITTS	S1	FATAL
3 1491	N8726N	072179	CUBA,NM	PIPER	PA-28	NONE
3 1492	N8304S	070179	ROSWELL,NM	CESSNA	182	NONE
3 1493	N5878E	052279	ALBUQUERQUE,NM	CESSNA	172	MINOR
3 1494	N6499P	072379	ANGEL FIRE,NM	PIPER	PA-24	NONE
3 1495	N7580S	081279	EL DORADO,AR	CESSNA	182Q	NONE
3 1496	N5213	080279	GRIFFITHVILLE,AR	GRUMMAN	G-164	NONE
3 1497	N4168X	061979	GARLAND,AR	ROCKWELL	S2R	NONE
3 1498	N6823K	080179	HUNTER,AR	GRUMMAN	G-164B	NONE
3 1499	N7646K	080379	NRED STAR,AR	PIPER	PA-20	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1500	N20076	061379	REDFIELD,AR	CESSNA	172	NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1254	3/20/79 TIME - 1630	GUNTERSVILLE,AL	CESSNA 210 N13CW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 1149 TOTAL HOURS, 900 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GUNTERSVILLE MUNI
DEPARTURE POINT — CLEARWATER,FL
INTENDED DESTINATION — GUNTERSVILLE,AL
TYPE OF ACCIDENT — WHEELS-UP
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
FACTOR(S)
AIRFRAME - LANDING GEAR LANDING GEAR WARNING AND INDICATING COMPONENTS
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1261	3/22/79 TIME - 1847	MOBILE,AL	PIPER PA-30 N8529Y DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 54, 350 TOTAL HOURS, 230 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BATES FIELD
DEPARTURE POINT
PENSACOLA,FL
INTENDED DESTINATION
MOBILE,AL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - RAIN
WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
1700
VISIBILITY AT ACCIDENT SITE
4 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TEMPERATURE-F
65
WIND DIRECTION-DEGREES
140
WIND VELOCITY-KNOTS
10
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1267	3/31/79 TIME - 0930	JACKSONVILLE,AL	CESSNA 140 N9498A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 812 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - JACKSONVILLE
DEPARTURE POINT
JACKSONVILLE,AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                      PILOT DATA
                                                               F  S M/N      PURPOSE

3-1410  6/1/79   NR.TUSCALOOSA,AL       BEECH C23          CR-  2  0  0  INSTRUCTIONAL          COMMERCIAL, AGE 21, 356
        TIME - 2120                     N1955L             PX-  1  0  0  DUAL                   TOTAL HOURS, 54 IN TYPE,
                                        DAMAGE-DESTROYED                                        INSTRUMENT RATED.
        NAME OF AIRPORT - TUSCALOOSA MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          BIRMINGHAM,AL               TUSCALOOSA,AL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             LANDING  FINAL APPROACH
          COLLIDED WITH  TREES                                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        FIRE AFTER IMPACT

3-1252  6/13/79    OZARK,AL             PIPER PA-18        CR-  0  1  0  NONCOMMERCIAL          PRIVATE, AGE 32, 116
        TIME - 1115                     N46761             PX-  0  0  0  PRACTICE               TOTAL HOURS, 14 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                      NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BLACKWELL
        DEPARTURE POINT              INTENDED DESTINATION
          OZARK,AL                     OZARK,AL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
          COLLIDED WITH  AUTOMOBILE                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
          NONE                                                      LEFT QUARTERING HEAD WIND 293-337 DEGREES
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          80                                                        14
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          VFR                                                       NONE
        REMARKS- ACFT DEPARTED RWY.WIND GUSTS TO 18 KTS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1256	6/14/79 TIME - 0845	PELL CITY,AL	CESSNA 180 N4802 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 52, 12530 TOTAL HOURS, 4520 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ST CLAIR COUNTY
DEPARTURE POINT: BIRMINGHAM,AL
INTENDED DESTINATION: SAVANNAH,GA
TYPE OF ACCIDENT: STALL MUSH
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1253	6/28/79 TIME - 1830	NR.OPP,AL	PIPER PA-25 N4966Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 628 TOTAL HOURS, 326 IN TYPE, UNK/NR INSTRUMENT RATED.

DEPARTURE POINT: SAMSON,AL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 629
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 300
KIND OF OPERATION - DEFOLIATION (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1255	7/3/79 TIME - 1050	BIRMINGHAM,AL	CESSNA 310 N41690 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 36, 800 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BIRMINGHAM MUNI
DEPARTURE POINT: JACKSONVILLE,TX
INTENDED DESTINATION: BIRMINGHAM,AL
TYPE OF ACCIDENT: WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - BINDING
REMARKS- SEALED BEARINGS IN LDG GEAR EXTENSION SYSTEM FND TO BE BINDING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1411	7/4/79 TIME - 1430	PELL CITY,AL	AERONCA 7AC N85663 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 492 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PELL CITY
DEPARTURE POINT — PELL CITY,AL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — LEFT CROSS WIND 248-292 DEGREES
WIND DIRECTION-DEGREES — 270
WIND VELOCITY-KNOTS — 7
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTING TO 15KTS.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                                F  S M/N      PURPOSE

3-1228  3/7/79   NR.NELSON LAGOON,AK    CESSNA 180          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 55, 30000
        TIME - 1840                     N65992              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 10000 IN
                                        DAMAGE-SUBSTANTIAL                                              TYPE, NOT INSTRUMENT
                                                                                                        RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          NELSON LAGOON,AK             PORT MOLLER,AK
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - LOW CEILING
          MISCELLANEOUS - FOREIGN OBJECT DAMAGE
          MISCELLANEOUS - FOREIGN OBJECT DAMAGE
        WEATHER BRIEFING - UNKNOWN/NOT REPORTED
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          OVERCAST                                                 500
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          2 MILES OR LESS                                          SNOW
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TEMPERATURE-F
          UNKNOWN/NOT REPORTED                                     30
        WIND DIRECTION-DEGREES                                   WIND VELOCITY-KNOTS
          45                                                       5
        TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
          VFR                                                      NONE


3-1229  4/29/79     NORTHWAR,AK         BELLANCA 7GCBC      CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 31, 59 TOTAL
        TIME - 1030                     N7637S              PX-  0  0  1  PLEASURE/PERSONAL TRANSP      HOURS, 4 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - NORTHWAY
        DEPARTURE POINT              INTENDED DESTINATION
          FAIRBANKS,AK                 NORTHWAR,AK
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 LANDING  ROLL
          GEAR COLLAPSED                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE    DATE        LOCATION              AIRCRAFT DATA        INJURIES     FLIGHT                        PILOT DATA
                                                                F  S M/N    PURPOSE

3-1227  5/12/79     BIRCHWOOD,AK          PIPER PA-12          CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 35, 28 TOTAL
        TIME - 0600                       N7649H               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      HOURS, 8 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - BIRCHWOOD
        DEPARTURE POINT             INTENDED DESTINATION
          BIRCHWOOD,AK              UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                TAXI  OTHER
          COLLIDED WITH  PARKED AIRCRAFT                          TAXI  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
        REMARKS- OTHER ACFT.N7558.SUBSTANTIAL DAMAGE TO LEFT WING.ENGINE RUN UP CHECK DURING TAXI TO TAKEOFF.

3-1306  7/2/79    NR.CHUITT RIVER,AK      PIPER PA-18          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 24, 238
        TIME - 2000                       N83351               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 203 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BUSH STRIP
        DEPARTURE POINT             INTENDED DESTINATION        LAST ENROUTE STOP
          ANCHORAGE-OMALLEY         CHUITT RIVER,AK               UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          SYSTEMS - HYDRAULIC SYSTEM  RESERVOIR,LINES,FITTINGS
          MISCELLANEOUS ACTS,CONDITIONS - STRIPPED

3-1230  7/6/79    NR.NAKNEK,AK            PIPER PA-18          CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 26, 2830
        TIME - 1500                       N5963Z               PX-  0  0  0  FISH SPOTTING                 TOTAL HOURS, 2000 IN
                                          DAMAGE-SUBSTANTIAL                                               TYPE, NOT INSTRUMENT
                                                                                                           RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          NAKNEK,AK                 LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        REMARKS- GUSTS TO 25KNOTS.PILOT DEPARTING FROM BEACH.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1362	4/28/79 TIME - 0900	TUCSON,AZ	GRUMMAN AA-1C N9710U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 20, 62 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - THURMONDS STRIP
DEPARTURE POINT: TUCSON,AZ
INTENDED DESTINATION: TUCSON,AZ
TYPE OF ACCIDENT: COLLIDED WITH OBJECT
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
REMARKS- BUSHES

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1363	5/16/79 TIME - 1647	SHOW LOW,AZ	CESSNA 207 N7340U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 45, 4005 TOTAL HOURS, 240 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SHOW LOW
DEPARTURE POINT: TUCSON,AZ
INTENDED DESTINATION: SHOW LOW,AZ
TYPE OF ACCIDENT: COLLIDED WITH DIRT BANK
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION: UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 50
WIND VELOCITY-KNOTS: 20
TYPE OF FLIGHT PLAN: NONE
CEILING AT ACCIDENT SITE: 2500
PRECIPITATION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES: 180
TYPE OF WEATHER CONDITIONS: VFR
REMARKS- DIRT BANKS ON LEFT SIDE OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1283	6/24/79 TIME - 1910	DOUGLAS,AZ	PIPER PA-28 N4591X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE UNK/NR, 364 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BISBEE-DOUGLAS
DEPARTURE POINT — INTENDED DESTINATION
DOUGLAS,AZ — PHOENIX,AZ
TYPE OF ACCIDENT
COLLIDED WITH DITCHES

PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE
REMARKS- PILOT ATTEMPTED TAKEOFF ON RAMP PARALLEL TO RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1286	6/1/79 TIME - 1600	CHERRY VALLEY,AR	BELL 204 N707FW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 11120 TOTAL HOURS, 102 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHERRY VALLEY
DEPARTURE POINT — INTENDED DESTINATION
CHERRY VALLEY,AR — LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
IN FLIGHT FLAREOUT FOR SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 8900
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
CRASH HELMET - AVAILABLE-NOT USED
TANK/HOPPER-LOCATION - AFT OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 250
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1239	6/8/79 TIME - 0900	PINE BLUFF,AR	CESSNA 172D N2637U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 17, 154 TOTAL HOURS, 59 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GRIDER FIELD
DEPARTURE POINT — INTENDED DESTINATION
PINE BLUFF,AR — ROCHDALE,MS
TYPE OF ACCIDENT
COLLIDED WITH DITCHES

PHASE OF OPERATION
TAXI OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
REMARKS- PLT HANDPROPPED ENG.

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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES        FLIGHT                       PILOT DATA
                                                                 F  S M/N       PURPOSE

3-1240  6/9/79      TUPELO,AR             PIPER PA-36          CR-  1  0  0  COMMERCIAL                  COMMERCIAL, AGE 30, 800
        TIME - 1340                       N59673               PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, UNK/NR IN
                                          DAMAGE-DESTROYED                                               TYPE, NOT INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - TUPELO
        DEPARTURE POINT                INTENDED DESTINATION
          TUPELO,AR                      LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        FIRE AFTER IMPACT


3-1500  6/13/79     REDFIELD,AR           CESSNA 172           CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 49, 99 TOTAL
        TIME - 1530                       N20076               PX-  0  0  3  PLEASURE/PERSONAL TRANSP    HOURS, ALL IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          LITTLE ROCK,AR                 LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING


3-1289  6/17/79     MOUNTAIN HOME,AR      AERONCA 11AC         CR-  0  1  0  NONCOMMERCIAL               PRIVATE, AGE 56, 2000
        TIME - 1500                       N31959               PX-  0  1  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 63 IN TYPE,
                                          DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          MOUNTAIN HOME,AR               LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL                                                     IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1288	6/18/79 TIME - 1630	MONTROSE,AR	AERO COMDR S2R N4895X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 22, 1300 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MONTROSE FLYING S
DEPARTURE POINT
WELDON,AR
INTENDED DESTINATION
MONTROSE,AR
TYPE OF ACCIDENT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
REMARKS- PLT STATED BRAKE FLUID LEAKING DURING TAXI TO TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1285	6/19/79 TIME - 1900	EARLE,AR	BELL 47G-2 N3550 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 42, 3236 TOTAL HOURS, 3015 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
EARLE,AR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
TURBULENCE
PHASE OF OPERATION
IN FLIGHT EN ROUTE TO TREAT CROP

PROBABLE CAUSE(S)
MISCELLANEOUS - VORTEX TURBULENCE
FACTOR(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - UNKNOWN/NOT REPORTED
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
ELEVATION-AREA BEING TREATED-FEET - 200
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1497	6/19/79 TIME - 1230	GARLAND,AR	ROCKWELL S2R N4168X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, 11475 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - REED-JOSEPH
DEPARTURE POINT — INTENDED DESTINATION
GARLAND,AR — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
COLLIDED WITH WIRES/POLES — LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9999
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
CRASH BAR - INSTALLED
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
REMARKS- RIGHT MAIN GEAR BRAKE CYL FAILED.ACFT STRUCK WNDSOCK POLE. PLT RPRT TAIL WHEEL SHIMMY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1238	6/27/79 TIME - 0830	BONO,AR	GRUMAN G-164 N6785K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 1267 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
BONO,AR — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH DIRT BANK — IN FLIGHT SWATH RUN
NOSE OVER/DOWN — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
SUSPECTED OR KNOWN AIRCRAFT DAMAGE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1200
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 240
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- LOST OIL PRES AFT STRIKING LEVEE ENROUTE LNDG STRIP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1422	7/8/79 TIME - 0930	NR.EL DORADO.AR	CESSNA 172 N75625 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 171 TOTAL HOURS, 67 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MOBILE.AL

INTENDED DESTINATION
TEXARKANA.AR

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
TERRAIN - HIGH VEGETATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- UPON ARRIVAL,INTENDED DESTINATION WAS IFR.PLT TRIED TO DIVERT TO HAYNESVILLE.ACFT STRUCK BRUSH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1287	7/20/79 TIME - 1155	FLIPPIN.AR	CESSNA 340 N5931M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 54, 2898 TOTAL HOURS, 198 IN TYPE. NOT INSTRUMENT RATED.

NAME OF AIRPORT - FLIPPIN

DEPARTURE POINT
HOT SPRINGS.AR

INTENDED DESTINATION
FLIPPIN.AR

TYPE OF ACCIDENT
GEAR RETRACTED

PHASE OF OPERATION
TAXI GROUND TAXI FROM LANDING

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1498	8/1/79 TIME - 1830	HUNTER,AR	GRUMMAN G-164B N6823K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, UNK/NR TOTAL HOURS, 8000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HUNTER,AR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - ROUGH/UNEVEN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 8000
KIND OF CROP - RICE
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 200
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- MAIN LNDG GEAR STRUCK LEVEE.ACFT CAME TO REST IN FLOODED RICE FLD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1496	8/2/79 TIME - 0930	GRIFFITHVILLE,AR	GRUMMAN G-164 N5213 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 23, 650 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GRIFFITHVILLE,AR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
REMARKS- PLT STATED APPARENTLY TOUCHED BRAKE DURG TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1291	8/2/79 TIME - 1800	KEO,AR	PIPER PA-30 N291R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 58, 18412 TOTAL HOURS, 311 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT
CHICAGO,IL
INTENDED DESTINATION
KEO,AR
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
PILOT IN COMMAND - OPERATED CARELESSLY
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1499	8/3/79 TIME - 1630	NR.RED STAR,AR	PIPER PA-20 N7646K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 933 TOTAL HOURS, 147 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
FLIPPIN,AR
INTENDED DESTINATION
BLACKWELL,TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - IGNITION SYSTEM MAGNETOS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
TERRAIN - HIGH OBSTRUCTIONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - GROUNDED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LEFT MAGNETO IGNITION COIL FAILED.RIGHT MAGNETO PRIMARY LEAD GROUNDED.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1290	8/6/79 TIME - 0825	NR.KENSETT,AR	GRUMMAN G-164A N9715 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 3732 TOTAL HOURS, 2702 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — KENSETT,AR
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2701
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 250
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1327	8/7/79 TIME - 1630	MCGEHEE,AR	PIPER PA-25 N7605Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 46, 6000 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - F&M FLYING SERVIC
DEPARTURE POINT — MCGEHEE,AR
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
WEATHER - HIGH TEMPERATURE

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 45
TYPE OF WEATHER CONDITIONS — VFR
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 95
WIND VELOCITY-KNOTS — 2
TYPE OF FLIGHT PLAN — NONE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 6000
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1495	8/12/79 TIME - 0130	EL DORADO,AR	CESSNA 182Q N7580S DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	MISCELLANEOUS OTHER	NO CERTIFICATE, AGE 18, 0 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ELDORADO DOWNTOWN
DEPARTURE POINT — EL DORADO,AR
INTENDED DESTINATION — LITTLE ROCK,AR
TYPE OF ACCIDENT — NOSE OVER/DOWN
PHASE OF OPERATION — TAKEOFF RUN

PROBABLE CAUSE(S)
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
FIRE AFTER IMPACT
REMARKS- STOLEN AIRCRAFT.PILOT HAD NO PREVIOUS FLIGHT EXPERIENCE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1326	8/23/79 TIME - 1425	WABBASEKA,AR	CESSNA A188B N731YL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 19, 1288 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WABBASEKA
DEPARTURE POINT
WABBASEKA,AR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
MISCELLANEOUS - VORTEX TURBULENCE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 800
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 200
PROCEDURE TURNAROUND - SECOND 1/3 TURN
KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- TWO-PLANE OPERATION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1274	3/18/79 TIME - 1340	NR.PERRIS,CA	BEECH A36 N2033K DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 154 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
FULLERTON,CA
INTENDED DESTINATION
PHOENIX,AZ
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
BROKEN/LOWER SCATTERED
CEILING AT ACCIDENT SITE
3000
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
RAIN SHOWERS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TEMPERATURE-F
48
WIND DIRECTION-DEGREES
300
WIND VELOCITY-KNOTS
8
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- FSS ADVISED VFR FLT NOT RECOMMENDED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1458	4/8/79 TIME - 0055	LONG BEACH,CA	BELL 206 N4790R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL OTHER	NO CERTIFICATE, AGE UNK/NR, 0 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LONG BEACH
DEPARTURE POINT
LONG BEACH,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
TAKEOFF VERTICAL

PROBABLE CAUSE(S)
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
REMARKS- STOLEN HELICOPTER.INDIVIDUAL NOT RATED.

BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION           AIRCRAFT DATA          INJURIES     FLIGHT                            PILOT DATA
                                                               F  S M/N     PURPOSE

3-1275 4/15/79    GLAMIS,CA             CESSNA 182E         CR- 1  0  0  NONCOMMERCIAL                   PRIVATE, AGE 45, UNK/NR
       TIME - 1002                      N3265Y              PX- 3  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, UNK/NR IN
                                        DAMAGE-DESTROYED                                                  TYPE, NOT INSTRUMENT
                                                                                                          RATED.
       NAME OF AIRPORT - GLAMIS
       DEPARTURE POINT                INTENDED DESTINATION
         BLYTHE,CA                      GLAMIS,CA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         STALL                                                       IN FLIGHT  LOW PASS
         COLLIDED WITH  WIRES/POLES                                  IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
       FIRE AFTER IMPACT
       REMARKS- WING HIT WIRES AFTR STALL.


3-1231 4/22/79  NR.TAHOE CITY,CA        CESSNA T210M        CR- 1  0  0  NONCOMMERCIAL                   COMMERCIAL, AGE 56, 418
       TIME - 1433                      N6721B              PX- 1  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 3 IN TYPE,
                                        DAMAGE-DESTROYED                                                  INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         NORTH LAKE TAHOE,CA            CAMARILLO,CA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                                 IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SPATIAL DISORIENTATION
         PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
       FACTOR(S)
         AIRFRAME - WINGS  SPARS
         MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
         PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
         WEATHER - LOW CEILING
         WEATHER - SNOW
         WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
       WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST
       MISSING AIRCRAFT - LATER RECOVERED

       SKY CONDITION                                               CEILING AT ACCIDENT SITE
         OBSCURATION                                                 150
       VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
         1/4 MILE OR LESS                                            SNOW
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
         BLOWING SNOW                                                25
       WIND DIRECTION-DEGREES                                      WIND VELOCITY-KNOTS
         275                                                         35
       TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
         IFR                                                         IFR
       FIRE AFTER IMPACT
       REMARKS- RECOVERY DATE 4/24/79.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1299	5/14/79 TIME - 1954	NAPA,CA	PIPER PA-28 N6505C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 188 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NAPA
DEPARTURE POINT
PASCO,WA
INTENDED DESTINATION
HAYWARD,CA
LAST ENROUTE STOP
NAPA,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1301	5/19/79 TIME - 1445	NR.LAYTONVILLE,CA	CESSNA 195 N9877A DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 41, 1427 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE STRIP
DEPARTURE POINT
UKIAH,CA
INTENDED DESTINATION
EUREKA,CA
LAST ENROUTE STOP
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
OVERSHOOT
STALL
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FIRE AFTER IMPACT
REMARKS- PROP PITCH CONTROL FOUND NOT IN FULL FORWARD POSITION.

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FILE    DATE          LOCATION            AIRCRAFT DATA           INJURIES     FLIGHT                        PILOT DATA
                                                                  F  S M/N     PURPOSE

3-1340  5/28/79      29 PALMS,CA          CESSNA 150M          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 47, 71 TOTAL
        TIME - 1640                       N704WY               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     HOURS, 62 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - TWENTYNINE PALMS
        DEPARTURE POINT              INTENDED DESTINATION        LAST ENROUTE STOP
          BLYTH,CA                     29 PALMS,CA                 LAKE HAVASU,CA.
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  DESCENDING
          COLLIDED WITH  WIRES/POLES                               LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- WND GUSTING 30K.


3-1300  6/3/79       HALF MOON BAY,CA     GEE BEE Z            CR-  0  0  1  MISCELLANEOUS                 PRIVATE, AGE 54, 11800
        TIME - 1330                       N77VV                PX-  0  0  0  FERRY                         TOTAL HOURS, 35 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HALF MOON BAY
        DEPARTURE POINT              INTENDED DESTINATION
          MERCED,CA                    HALF MOON BAY,CA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 LANDING  ROLL
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
        REMARKS- RIGHT MASTER CYLINDER CONTAMINATED WITH GUMMY DIRT MIXTURE OF FLUIDS FOUND IN BRAKE CYLINDERS
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1233	6/3/79 TIME - 1530	BIG BEAR CITY.CA	PIPER PA-32 N3857W DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 700 TOTAL HOURS, 445 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BIG BEAR CITY
DEPARTURE POINT — INTENDED DESTINATION
SALT LAKE CITY.UT — BIG BEAR CITY.CA
TYPE OF ACCIDENT
COLLIDED WITH FENCE.FENCEPOSTS

PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
180
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
70
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1311	6/6/79 TIME - 1843	SAN CARLOS.CA	PIPER PA-28 N5965F DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 1460 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SAN CARLOS
DEPARTURE POINT — INTENDED DESTINATION
SAN CARLOS.CA — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIDDEN OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ACFT HIT DIRT AND ROCK MOUNDS WHICH WERE NOT VISIBLE FROM THE AIR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1232	6/16/79 TIME - 1130	BIG BEAR,CA	PIPER PA-28 N1115X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 131 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BIG BEAR,CA
INTENDED DESTINATION
CHINO,CA
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
7
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WND GUSTING 16KTS.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
65
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1278	6/25/79 TIME - 1505	NR.ALBION,CA	CESSNA 182A N5969B DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 300 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MENDOCINO COUNTY
DEPARTURE POINT — INTENDED DESTINATION
LITTLE RIVER,CA — SACRAMENTO,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL

PHASE OF OPERATION
IN FLIGHT EMERGENCY DESCENT
IN FLIGHT EMERGENCY DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
WEATHER - LOW CEILING
WEATHER - FOG
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR

CEILING AT ACCIDENT SITE
125
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
57
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1339	7/14/79 TIME - 1830	BISHOP,CA	BROWNE B N874V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 258 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BISHOP
DEPARTURE POINT — INTENDED DESTINATION
BISHOP,CA — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
96
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WND VRBL 136 TO 266 DEGREES,WND GUSTING 30K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1302	7/24/79 TIME - 1430	LONG BEACH,CA	AERO COMDR 112A N1109J DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 32, 3756 TOTAL HOURS, 202 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LONG BEACH
DEPARTURE POINT — INTENDED DESTINATION
LONG BEACH,CA — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
MISCELLANEOUS - *ERROR-INVALID CODE*
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- TEFLON-LIKE SHAVINGS FOUND IN THE AREA OF THE IDLE VALVE STEM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1303	8/11/79 TIME - 0320	BLYTHE,CA	GRUMMAN G-164B N67280 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 2500 TOTAL HOURS, 880 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
BLYTH,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT SURVEY FIELD/AREA

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2200
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 100
KIND OF OPERATION - DUSTING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - DOWNWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1456	9/6/79 TIME - 1230	EL MONTE,CA	BEECH F35 N3219C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 631 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EL MONTE
DEPARTURE POINT
EL MONTE,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE PROPELLER
OVERSHOOT
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
REMARKS- PROP GOV CNTL ARM IMPRPRLY SECURD TO GOV SHAFT AND BECAME DISCONNECTED.ACFT RAN INTO DITCH ON OVRN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1276	3/29/79 TIME - 2000	CASTLE ROCK,CO	CESSNA TU206 N7249N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 25, 610 TOTAL HOURS, 20 IN TYPE, NOT INSTRU-MENT RATED.

DEPARTURE POINT — COLORADO SPRINGS,CO
INTENDED DESTINATION — DENVER,CO.
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
  POWERPLANT - FUEL SYSTEM OTHER
  POWERPLANT - IGNITION SYSTEM MAGNETOS
  POWERPLANT - COOLING SYSTEM OTHER
  MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE PRESSURE
  TERRAIN - OTHER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ASBESTOS SHIELD ON FUEL LINE BURNED.MAGS INCORRECTLY TIMED.WING HIT CAR LOG ON MEDIAN STRIP OF HWY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1280	6/6/79 TIME - 1600	ELLINGTON,CT	CESSNA 172 N13435 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 170 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ELLINGTON
DEPARTURE POINT — HAVERILL,MA
INTENDED DESTINATION — ELLINGTON,CT
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING, ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1459	1/16/79 TIME - 1154	WILMINGTON,DE	BEECH 58 N4786M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 32, 320 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GRTR WILMINGTON
DEPARTURE POINT — BLUEFIELD,WV
INTENDED DESTINATION — WILMINGTON,DE
TYPE OF ACCIDENT
  OVERSHOOT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  WEATHER - SNOW
  WEATHER - LOW CEILING
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OBSCURATION
VISIBILITY AT ACCIDENT SITE
  1/2 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  BLOWING SNOW
WIND DIRECTION-DEGREES
  140
TYPE OF WEATHER CONDITIONS
  IFR
CEILING AT ACCIDENT SITE
  400
PRECIPITATION AT ACCIDENT SITE
  SNOW
TEMPERATURE-F
  29
WIND VELOCITY-KNOTS
  8
TYPE OF FLIGHT PLAN
  IFR
REMARKS- LATE CORRECTION FOR LINEUP,LANDED LONG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1268	1/12/79 TIME - 1425	NR.LABELLE,FL	DEHAVILLAND DH-104 N80013 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS FERRY	ATP,FLIGHT INSTR., AGE 35, 7613 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — SEBRING,FL
INTENDED DESTINATION — OPA LOCKA,FL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                             PILOT DATA
                                                                 F  S M/N     PURPOSE

3-1480  1/17/79    OPA LOCKA,FL         BELL 47G2            CR-  1  0  0  INSTRUCTIONAL                   STUDENT, AGE 31, 36 TOTAL
        TIME - 1015                     N2873B               PX-  0  0  0  SOLO                            HOURS, ALL IN TYPE, NOT
                                        DAMAGE-DESTROYED     OT-  4  0  0                                  INSTRUMENT RATED.
        NAME OF AIRPORT - OPA LOCKA AIRPORT
        DEPARTURE POINT              INTENDED DESTINATION
          OPA LOCKA,FL                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                  TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT
          PERSONNEL - TRAFFIC CONTROL PERSONNEL  ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS
          PERSONNEL - TRAFFIC CONTROL PERSONNEL  INADEQUATE SPACING OF AIRCRAFT

        SPECIAL DATA


3-1480  1/17/79    OPA LOCKA,FL         SIKORSKY HH52A       CR-  4  0  0  MISCELLANEOUS                   AIRLINE TRANSPORT, AGE
        TIME - 1015                     USCG1376             PX-  0  0  0  OTHER PUBLIC                    32, 4049 TOTAL HOURS,
                                        DAMAGE-DESTROYED     OT-  1  0  0                                  1583 IN TYPE, INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - OPA LOCKA AIRPORT
        DEPARTURE POINT              INTENDED DESTINATION
          OPA LOCKA,FL                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                  LANDING  POWER-ON LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT
          PERSONNEL - TRAFFIC CONTROL PERSONNEL  ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS
          PERSONNEL - TRAFFIC CONTROL PERSONNEL  INADEQUATE SPACING OF AIRCRAFT

        SPECIAL DATA
        FIRE AFTER IMPACT


3-1247  2/16/79    SARASOTA,FL          AERO COMDR 520       CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 63, UNK/NR
        TIME - 1400                     N113RH               PX-  0  0  0  BUSINESS                        TOTAL HOURS, UNK/NR IN
                                        DAMAGE-SUBSTANTIAL                                                 TYPE, NOT INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - SARASOTA
        DEPARTURE POINT              INTENDED DESTINATION
          HOLLYWOOD                     SARASOTA,FL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GEAR RETRACTED                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1242	2/24/79 TIME - 1630	NR.TAMPA,FL	BELL 206B N16884 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 1461 TOTAL HOURS, 337 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
TAMPA,FL — LOCAL

TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT NORMAL CRUISE
ROLL OVER — LANDING POWER-ON LANDING

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1262	3/1/79 TIME - 2100	TALLAHASSEE,FL	CESSNA 150 N66027 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 29, 940 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TALLAHASSEE
DEPARTURE POINT — INTENDED DESTINATION
QUINCY,FL — TALLAHASSEE,FL

TYPE OF ACCIDENT — PHASE OF OPERATION
UNDERSHOOT — LANDING FINAL APPROACH
COLLIDED WITH TREES — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - MISJUDGED DISTANCE AND ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1246	3/5/79 TIME - 0030	DAYTONA BEACH,FL	N AMERICAN AT-6F N82583 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 49, 12000 TOTAL HOURS, 17 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DAYTONA BEACH REG

TYPE OF ACCIDENT — PHASE OF OPERATION
GEAR RETRACTED — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM
MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM

FILE	DATE / LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1265	3/18/79 FELLSMERE,FL TIME - 1710	PIPER PA-28 N1131X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 298 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: FT PIERCE,FL
INTENDED DESTINATION: MERRITT ISLAND,FL

TYPE OF ACCIDENT
- ENGINE FAILURE OR MALFUNCTION
- HARD LANDING

PHASE OF OPERATION
- IN FLIGHT NORMAL CRUISE
- LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
- POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
- PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
- EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
- FIRE AFTER IMPACT

FILE	DATE / LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1244	4/7/79 INVERNESS,FL TIME - 1033	CESSNA 150 N60180 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, 404 TOTAL HOURS, 122 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - INVERNESS
DEPARTURE POINT: INVERNESS,FL
INTENDED DESTINATION: DAYTONA BEACH,FL

TYPE OF ACCIDENT
- ENGINE FAILURE OR MALFUNCTION
- NOSE OVER/DOWN

PHASE OF OPERATION
- TAKEOFF INITIAL CLIMB
- LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
- PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
- PILOT IN COMMAND - MISMANAGEMENT OF FUEL
- MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
- COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
- EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE / LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1248	4/14/79 USEPPA ISLAND,FL TIME - 1040	PIPER PA-44 N2089K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 830 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - USEPPA
DEPARTURE POINT: ST PETERSBURG,FL
INTENDED DESTINATION: USEPPA ISLAND,FL

TYPE OF ACCIDENT
- UNDERSHOOT
- COLLIDED WITH OBJECT

PHASE OF OPERATION
- LANDING FINAL APPROACH
- LANDING FINAL APPROACH

PROBABLE CAUSE(S)
- •PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

REMARKS- COLLIDED WITH BRUSH ON FINAL APPROACH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1269	4/29/79 TIME - 0900	NR.ARCADIA.FL	PIPER J-3C N2156M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 625 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ALVA.FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS.CONDITIONS - WATER IN FUEL
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1241	5/1/79 TIME - 1100	TALLAHASSEE.FL	PIPER PA-28 N44764 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 690 TOTAL HOURS, 194 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TALLAHASSEE
DEPARTURE POINT
ANDALUSIA.AL
INTENDED DESTINATION
TALLAHASSEE.FL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1243	5/19/79 TIME - 1510	PERRY.FL	REPUBLIC RC3 N6204K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 24, 531 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PERRY-FOLEY
DEPARTURE POINT
PENSACOLA.FL
INTENDED DESTINATION
FT.LAUDERDALE.FL
TYPE OF ACCIDENT
WHEELS-UP
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE.SERVICING.INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
SYSTEMS - HYDRAULIC SYSTEM SHUT-OFF VALVE
MISCELLANEOUS ACTS.CONDITIONS - IMPROPERLY INSTALLED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1245	7/28/79 TIME - 0945	MELBOURNE,FL	PIPER PA-28 N1990T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 523 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - VALKARIA
DEPARTURE POINT
MELBOURNE,FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
REMARKS- ACFT OVER AUTH WT FOR TAKEOFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1292	3/10/79 TIME - 0844	AUGUSTA,GA	CESSNA 310C N1717H DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 66, 5612 TOTAL HOURS, 952 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BUSH FIELD
DEPARTURE POINT
SAVANNAH,GA
INTENDED DESTINATION
AUGUSTA,GA
TYPE OF ACCIDENT
UNDERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- NOSE GEAR EXTENSION SYSTEM FAILED-PLT LANDED SHORT ATTEMPTING DEAD ENG LDG-PLT SUCCUMBED 4-13-79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1294	3/18/79 TIME - 1915	HAWKINSVILLE,GA	PIPER PA-24 N7622P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 493 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WAYCROSS,GA.
INTENDED DESTINATION
CLARKSVILLE,TN
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE PROPELLER
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - PROPELLER AND ACCESSORIES BLADE RETENTION MECHANISM
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
FACTOR(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
UNUSUAL NOISE
AIRFRAME BUFFET
REMARKS- PROP SPINNER BULKHEAD CRACKED.LNDD ON ROAD HIT SIGN WHILE AVOIDING CAR-OPPOSITE DIRECTION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1293	4/7/79 TIME - 1250	FAYETTEVILLE,GA	DEHAVILLAND DHC-1 N122LT DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 24, 1698 TOTAL HOURS, 108 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RUST AIRSTRIP
DEPARTURE POINT: BEAR CREEK
INTENDED DESTINATION: FAYETTEVILLE,GA
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION: IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
REMARKS- STRAPS OF PARACHUTE IN REAR SEAT FOUND WRAPPED AROUND CONTROL STICK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1272	4/21/79 TIME - 1000	HAWKINSVILLE,GA	CESSNA 150 N66550 DAMAGE-NONE	CR- 0 0 1 PX- 1 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 59 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HAWKINSVILLE
DEPARTURE POINT: PERRY,GA
INTENDED DESTINATION: RETURN
LAST ENROUTE STOP: HAWKINSVILLE,GA
TYPE OF ACCIDENT: PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION: STATIC IDLING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
REMARKS- CHILD RAN INTO PROP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1263	5/24/79 TIME - 1750	THOMASTON,GA	PIPER PA-28 N6396R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 1199 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: COLUMBUS,GA
INTENDED DESTINATION: AUGUSTA,GA
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; COLLIDED WITH DITCHES
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- #3 CYL EXHAUST VALVE SEPARATD AT VALVE STEM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1219	5/14/79 TIME - 1816	WAIPAHU,HI	BELLANCA 7GCBC N53791 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, 435 TOTAL HOURS, 79 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HONOLULU INTL
DEPARTURE POINT — HONOLULU,HI
INTENDED DESTINATION — LOCAL
LAST ENROUTE STOP — HONOLULU,HI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT LOW PASS
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
FACTOR(S)
TERRAIN - OTHER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ACFT HIT A SIGN POST DURING A FORCED LANDING TO A COUNTRY ROAD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1321	8/9/79 TIME - 0805	WAILUKU MAUI,HI	HILLER 12E N90478 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	AIRLINE TRANSPORT, AGE 33, 3995 TOTAL HOURS, 185 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — WAILUKU MAUI,HI
INTENDED DESTINATION — WAILUKU MAUI,HI
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 100
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1345	5/3/79 TIME - 0900	NR.OROFINO.ID.	PIPER PA-25 N65347 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 4577 TOTAL HOURS, 254 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
OROFINO,ID
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
TERRAIN - HIGH OBSTRUCTIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 500
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - HILLY
MOUNTAINOUS
SWATH RUN-HOW FLOWN - WIND CALM
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 2800
PROCEDURE TURNAROUND - THIRD 1/3 TURN
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1380	6/9/79 TIME - 1600	MCCALL,ID	CESSNA 190 N9851A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 40, 435 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MCCALL MUNI
DEPARTURE POINT
HAMILTON,MT
INTENDED DESTINATION
MCCALL,ID
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1346	6/29/79 TIME - 0720	NR.ABERDEEN,ID	CESSNA 188 N8225G DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 30, 1504 TOTAL HOURS, 600 IN TYPE, NOT INSTRU-MENT RATED.

DEPARTURE POINT
UNKNOWN/NOT REPORTED
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 600
KIND OF CROP - POTATOES
GLOVES - USED
CRASH HELMET - AVAILABLE USED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 4540
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- PLTS BLOOD CHOLINESTERASE LEVEL .69 UMOLES/ML/MIN.NORMAL 3.35-5.67.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1344	7/24/79 TIME - 1000	HAMMETT,ID	CALLAIR A-9 N8286H DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 29, 2800 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
NAMPA,ID
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT SWATH RUN
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - MISJUDGED SPEED AND CLEARANCE
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - HIGH OBSTRUCTIONS
MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
135
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
78
WIND VELOCITY-KNOTS
2
TYPE OF FLIGHT PLAN
NONE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 300
KIND OF CROP - POTATOES
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 3000
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - DOWNWIND
FIRE AFTER IMPACT
REMARKS- CYCLING SPRAY PUMP.HIT GRND.CONT FLT BUT LOST SPEED.UN CLR TREES.OVR GROSS WT 54PDS.DENS ALT 5000.

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FILE   DATE        LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                            F  S M/N      PURPOSE
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3-1379 8/1/79    NR.MT.HOME.ID        CALLAIR A-9         CR-  1  0  0  COMMERCIAL                 COMMERCIAL, AGE 31, 2500
       TIME - 0930                    N7205V              PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 150 IN TYPE,
                                       DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        MT.HOME.ID                    LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                              IN FLIGHT  EN ROUTE TO TREAT CROP

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 1500              KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - POTATOES                         TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED        GLOVES - NOT USED
         GOGGLES - NOT USED                              CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                    CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT         TERRAIN-TYPE - ROLLING
         ELEVATION-AREA BEING TREATED-FEET -  2900
       REMARKS- HIT PWR CABLE 110FT AGL. FLT INTO SUN.


3-1259 7/20/79    ROCKFORD,IL         LACH/BENSEN B8M     CR-  0  0  1  NONCOMMERCIAL              STUDENT, AGE 62, 174
       TIME - 1820                    N8447               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - ROCKFORD
       DEPARTURE POINT              INTENDED DESTINATION
         ROCKFORD,IL                  LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                 TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
       REMARKS- ACFT FLOWN NOSE HIGH ATTITUDE AFT TKOF.TURN TO AVOID STRIKING POWER LINE.


3-1236 5/5/79     HAGERTOWN,IN        PIPER PA-28         CR-  0  0  1  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
       TIME - 1830                    N15425              PX-  0  0  1  DUAL                       AGE 39, 2048 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                           260 IN TYPE, NOT INSTRU-
                                                                                                    MENT RATED.
       NAME OF AIRPORT - HAGERSTOWN
       DEPARTURE POINT              INTENDED DESTINATION
         CONNERSVILLE,IN              HAGERTOWN,IN
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         HARD LANDING                                            LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE    DATE           LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                      PILOT DATA
                                                               F  S M/N     PURPOSE

3-1237  5/28/79    INDIANAPOLIS,IN      BELL 206-11          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 33, 5571
        TIME - 1836                     N27554               PX-  0  0  0  CORP/EXEC                  TOTAL HOURS, 9 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - METHODIST HPTL PD
        DEPARTURE POINT               INTENDED DESTINATION
          INDIANAPOLIS,IN               LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  FENCE,FENCEPOSTS                         LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE


3-1257  6/5/79     INDIANAPOLIS,IN      BOEING A75N1         CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, FL.INSTR.,
        TIME - 2000                     N469RH               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  AGE 48, 4115 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                            350 IN TYPE, NOT INSTRU-
                                                                                                      MENT RATED.
        NAME OF AIRPORT - INDIANAPOLIS
        DEPARTURE POINT               INTENDED DESTINATION
          INDIANAPOLIS,IN               LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                 IN FLIGHT  ACROBATICS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        REMARKS- AIRCRAFT IMPACTED TERRAIN AT START OF SECOND LOW ALTITUDE ROLL.


3-1220  6/8/79     MAPLETON,IA          NAVION B             CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 57, 2600
        TIME - 1400                     N5301K               PX-  0  0  2  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 450 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MAPLETON MUNI
        DEPARTURE POINT               INTENDED DESTINATION
          MAPLETON,IA                   LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  CLIMB TO CRUISE
          COLLIDED WITH  DITCHES                                  LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - COLLAPSED
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- INLET AIR DUCT.
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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1203	5/19/79 TIME - 1700	RADIUM,KS	PIPER PA-20 N7798K DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 49, 18000 TOTAL HOURS, 510 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GREAT BEND,KS
INTENDED DESTINATION
RADIUM,KS
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
REMARKS- PILOT MANEUVERING AT LOW ALT TO DROP MACHINERY PARTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1202	6/5/79 TIME - 1220	WICHITA,KS	STITTS JD1 N3JD DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 300 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RIVERSIDE
DEPARTURE POINT
WICHITA,KS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1201	6/6/79 TIME - 1130	OLATHE,KS	BEECH P35 N8648M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 1910 TOTAL HOURS, 920 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
OLATHE,KS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
WHEELS-UP
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1324	6/14/79 TIME - 1445	NR.ATWOOD,KS	PIPER PA-25 N60457 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 1089 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ATWOOD,KS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT EN ROUTE TO TREAT CROP
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
FIRE AFTER IMPACT
KIND OF OPERATION - FERRY
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
ELEVATION-AREA BEING TREATED-FEET - 3000

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1378	6/27/79 TIME - 1750	ARKANSAS CITY,KS	CESSNA 152 N89142 DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 21, 2903 TOTAL HOURS, 231 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
WINFIELD,KS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- COLLIDED W/TREES DURING GO AROUND FROM PRACTICE FORCED LND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1370	6/29/79 TIME - 1310	GARNETT,KS	GRUMMAN AA1B N8861L DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 33, 1828 TOTAL HOURS, 1772 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GARNETT
DEPARTURE POINT — OTTAWA,KS
INTENDED DESTINATION — KANSAS CITY,KS
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
  POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
  MISCELLANEOUS ACTS,CONDITIONS - WRONG PART
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- WRONG TYPE VALVE KEEPERS INSTALLED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1371	7/4/79 TIME - 2100	GARNETT,KS	PITTS S2 N4TW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 380 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GARNETT MUNICIPAL
DEPARTURE POINT — GARNETT,KS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
  PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE
REMARKS- COLLIDED WITH UNATTENDED,UNMARKED MOTORCYCLE PARKED ON RWY BY FARMER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1372	7/4/79 TIME - 2050	LEAWOOD,KS	PIPER PA-28 N3935K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 70 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STATE LINE
DEPARTURE POINT — VERSAILLES,MO
INTENDED DESTINATION — LEAWOOD,KS
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
REMARKS- COLLIDED W/SIGN.

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES          FLIGHT                                  PILOT DATA
                                                                  F  S M/N          PURPOSE

3-1373  7/20/79     OTTAWA,KS             PITTS S2A            CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 51, 2481
        TIME - 1030                       N60LG                PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 113 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - OTTAWA MUNICIPAL
        DEPARTURE POINT                 INTENDED DESTINATION
          OTTAWA,KS                       LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  RUNWAY OR APPROACH LIGHTS                    LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL


3-1369  7/21/79     EFFINGHAM,KS          BOEING A75           CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 44, 7800
        TIME - 2050                       N75360               PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, 1000 IN
                                          DAMAGE-SUBSTANTIAL                                             TYPE, NOT INSTRUMENT
                                                                                                         RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          DENISON,KS                      FARMINGTON,KS
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  OBJECT                                       LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - LUBRICATING SYSTEM  LINES,HOSES,FITTING
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          TERRAIN - OTHER
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 3500                          KIND OF OPERATION - FERRY
          KIND OF CROP - GRAIN FIELDS                                 TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                    GLOVES - NOT USED
          GOGGLES - NOT USED                                          CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                            CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT
        REMARKS- STRK BALE OF HAY DURING PRECAUTIONARY LDG IN FLD DUE TO OIL LEAK.FOUND HOLE IN OIL PRES GAUGE LINE


3-1374  7/26/79     HALSTEAD,KS           PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 42, 2928
        TIME - 1515                       N6462C               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 125 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HALSTEAD MUNI
        DEPARTURE POINT                 INTENDED DESTINATION
          DODGE CITY,KS                   HALSTEAD,KS
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
          COLLIDED WITH  OBJECT                                       LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        REMARKS- HIT AIRPORT SIGN POST.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1375	7/27/79 TIME - 1900	NR.SHARON SPRINGS.KS	CESSNA 172 N7129T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 60, 545 TOTAL HOURS, 380 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT — HAYS.KS
INTENDED DESTINATION — SHARON SPRINGS.KS
TYPE OF ACCIDENT — COLLIDED WITH CROP
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — SCATTERED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 130
TYPE OF WEATHER CONDITIONS — VFR
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND VELOCITY-KNOTS — 10
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTS TO 15 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1376	8/6/79 TIME - 1503	HOXIE.KS	GRUMMAN AA5B N28756 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 143 TOTAL HOURS, 132 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOXIE
DEPARTURE POINT — TOPEKA.KS
INTENDED DESTINATION — BOULDER.CO
TYPE OF ACCIDENT — COLLIDED WITH FENCE.FENCEPOSTS
PHASE OF OPERATION — LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 210
TYPE OF WEATHER CONDITIONS — VFR
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 99
WIND VELOCITY-KNOTS — 10
TYPE OF FLIGHT PLAN — VFR
REMARKS- WIND GUST TO 15 KTS.DA APROX 6000 FT.

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FILE    DATE          LOCATION             AIRCRAFT DATA          INJURIES      FLIGHT                                   PILOT DATA
                                                                   F  S M/N     PURPOSE
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3-1399  8/6/79    NR.STILWELL.KS           BEECH 35          CR-   0  0  1  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1445                        N4513V            PX-   0  0  0  PLEASURE/PERSONAL TRANSP    AGE 62, 10000 TOTAL
                                           DAMAGE-SUBSTANTIAL                                           HOURS, 2000 IN TYPE,
        NAME OF AIRPORT - MISSION ROAD                                                                  INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          OLATHE.KS                    BELTON.MO
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
          STALL                                                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS.CONDITIONS - FUEL STARVATION
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- THE RT MAIN.RT AND LFT TIP FUEL TANKS WERE FOUND DRY.LFT MAIN 1/2 FULL.


3-1401  8/9/79    NR.BONNER SPRINGS.KS  CESSNA 150L          CR-   0  0  1  INSTRUCTIONAL               STUDENT, AGE 22, 21 TOTAL
        TIME - 2130                     N19030               PX-   0  0  0  SOLO                        HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - SURBURBAN AIR PRK
        DEPARTURE POINT              INTENDED DESTINATION
         BONNER SPRINGS.KS             LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          NOSE OVER/DOWN                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - FLIGHT INSTRUCTOR  INADEQUATE SUPERVISION OF FLIGHT
          SYSTEMS - ELECTRICAL SYSTEM  GENERATORS/ALTERNATORS
          MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE
          MISCELLANEOUS ACTS.CONDITIONS - ELECTRICAL FAILURE
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES  RUNWAY LIGHTING
          MISCELLANEOUS ACTS.CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
        REMARKS- 1ST NIGHT SOLO ON RWY W RWY LIGHTS INOP.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1400	8/11/79 TIME - 1130	READING,KS	BEECH A23-24 N4744J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 812 TOTAL HOURS, 733 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
TOPEKA,KS
INTENDED DESTINATION
STILLWATER,OK
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - HIDDEN OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- #3 CONNECTING ROD BROKE.NOSE WHEEL STRUCK GRASS COVERED DITCH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1402	8/11/79 TIME - 2010	NR.CLEMENTS,KS	CESSNA 152 N89876 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 18, 59 TOTAL HOURS, 54 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT
CLEMENTS,KS
INTENDED DESTINATION
EMPORIA,KS
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- HIGH VEGETATION ON RWY SHOULDERS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1377	8/21/79 TIME - 2030	WICHITA,KS	CESSNA 172N N738AT DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, FL.INSTR., AGE 28, 3021 TOTAL HOURS, 219 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MIDCONTINENT
DEPARTURE POINT
WICHITA,KS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1404	8/24/79 TIME - 0712	TOPEKA,KS	CESSNA 340A N800BC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 30, 1527 TOTAL HOURS, 55 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PHILLIP BILLARD
DEPARTURE POINT: TOPEKA,KS
INTENDED DESTINATION: DENVER,CO
TYPE OF ACCIDENT: COLLIDED WITH DITCHES
PHASE OF OPERATION: TAKEOFF ABORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- PLT STATED ELEV JAMMED.FLT CONTROLS & AUTO-PLT CHECKED GOOD.FLT CONT LOCK FOUND REMOVED & STOWED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1403	9/4/79 TIME - 0945	NEWTON,KS	BEECH C23 N2007L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 47, 30 TOTAL HOURS, 23 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NEWTON
DEPARTURE POINT: NEWTON,KS
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
REMARKS- OCCURRED AS STUDENT RAISED FLAPS ON 1ST SOLO LNDG.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1318	6/1/79 TIME - 0045	MACKVILLE,KY	CESSNA 172N N1667F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 33, 150 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SEARCY,AR
INTENDED DESTINATION
LEXINGTON,KY
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE
SYSTEMS - ELECTRICAL SYSTEM GENERATORS/ALTERNATORS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAST

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
10000
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
68
TYPE OF FLIGHT PLAN
VFR
FIRE AFTER IMPACT
REMARKS- ALTERNATOR SHOWED NO EVIDENCE OF ROTATION AT IMPACT.PIC DID NOT REFUEL AFTR FLYING CLC FLT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1329	4/19/79 TIME - 0930	BASILE,LA	GRUMMAN G-164A N8384 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE UNK/NR, 10500 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BASILE FLYING SER
DEPARTURE POINT
BASILE,LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 30
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
CRASH HELMET - AVAILABLE USED
TERRAIN-TYPE - LEVEL,FLAT
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - USED
TANK/HOPPER-LOCATION - FORWARD OF PILOT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1328	5/16/79 TIME - 0930	LEBLANC,LA	GRUMMAN G164 N9693 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 30, 1800 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WALKER BROTHERS
DEPARTURE POINT — INTENDED DESTINATION
LEBLANC,LA — LEBLANC,LA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - UNKNOWN/NOT REPORTED
GLOVES - USED
CRASH HELMET - AVAILABLE USED
TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED
ELEVATION-AREA BEING TREATED-FEET - 60
KIND OF OPERATION - SEEDING CROPS
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GOGGLES - USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- BRAKES LOCKED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1418	5/16/79 TIME - 1300	BASILE,LA	GRUMMAN G-164A N8629H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 51, 15200 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HERMAN YOUNG
DEPARTURE POINT — INTENDED DESTINATION
BASILE,LA — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
TERRAIN - HIGH OBSTRUCTIONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
REMARKS- NO.2 CYL HEAD FAILED BETWEEN SPARK PLUG HOLES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1416	5/16/79 TIME - 1320	PATTERSON,LA	PIPER PA-28 N9301J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 24, 33 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WILLIAMS MEMORIAL
DEPARTURE POINT: PATTERSON,LA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL MUSH
PHASE OF OPERATION: LANDING FINAL APPROACH

PROBABLE CAUSE(S)
- PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
- PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
- PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT

FACTOR(S)
- WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: CLEAR
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 90
WIND VELOCITY-KNOTS: 11
TYPE OF FLIGHT PLAN: NONE
CEILING AT ACCIDENT SITE: UNLIMITED
PRECIPITATION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES: 90
TYPE OF WEATHER CONDITIONS: VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1415	5/19/79 TIME - 0945	VENICE,LA	CESSNA 185A N12NT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 30, 2780 TOTAL HOURS, 84 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - THE JUMP
DEPARTURE POINT: LAFAYETTE,LA
INTENDED DESTINATION: VENICE,LA
TYPE OF ACCIDENT: COLLIDED WITH OBJECT
PHASE OF OPERATION: LANDING OTHER

PROBABLE CAUSE(S)
- PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
- MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA

FACTOR(S)
- PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
- MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
- MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER

REMARKS- ACFT (W FLOATS)COLLIDED W BOAT,WHILE STILL MOVING ON LNDG RUN-OUT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1330	6/8/79 TIME - 1400	NR.ELTON.LA	GRUMMAN G-164A N8699H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 26, 1716 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ELTON.LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1500
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1419	6/18/79 TIME - 1600	BASIL.LA	GRUMMAN G-164A N6586 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 36, 7000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SMITH FIELD
DEPARTURE POINT
BASIL.LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 7000
KIND OF CROP - UNKNOWN/NOT REPORTED
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
REMARKS- RIGHT FRONT OUTBD GR ATTACH BOLT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1425	6/24/79 TIME - 0100	GRAND ISLE,LA	CESSNA 172 N73214 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 92 TOTAL HOURS, 34 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ELMER ISLAND
DEPARTURE POINT — NEW ORLEANS,LA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — UNDERSHOOT; COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — LANDING FINAL APPROACH; LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
SUSPECTED MECHANICAL DISCREPANCY

REMARKS- CLOSED AIRPORT,COLLIDED W HI TENSION CABLE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1414	6/26/79 TIME - 0620	NR.KINDER,LA	GRUMMAN G-164A N8685H DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 6740 TOTAL HOURS, 5800 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — KINDER,LA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 48
SWATH RUN-HOW FLOWN - WIND CALM
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
TERRAIN-TYPE - LEVEL,FLAT
SWAMPY/WATER

REMARKS- STRUCK PWR LINE.

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FILE   DATE         LOCATION             AIRCRAFT DATA         INJURIES      FLIGHT                              PILOT DATA
                                                                F  S M/N      PURPOSE

3-1221  7/1/79      ROBERT,LA            SCHWEIZER SGS126    CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 52, 22 TOTAL
        TIME - 1330                      N17917              PX-  0  0  0  TRAINING                      HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - OAKHILL
        DEPARTURE POINT                INTENDED DESTINATION
          ROBERT,LA                      LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- COLLIDED WITH TREE STUMP.


3-1413  7/2/79      LAFAYETTE,LA         CESSNA 185F         CR-  0  0  1  NONCOMMERCIAL                 AIRLINE TRANSPORT, AGE
        TIME - 1445                      N28JL               PX-  0  0  1  BUSINESS                      30, 5306 TOTAL HOURS, 30A
                                         DAMAGE-SUBSTANTIAL                                              IN TYPE, INSTRUMENT
                                                                                                         RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          LAFAYETTE,LA                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                      TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
          TERRAIN - HIGH VEGETATION
        REMARKS- ACFT RAN UP ON BAYOU BANK.ACFT EQUIPPED W FLOATS.
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FILE   DATE        LOCATION              AIRCRAFT DATA          INJURIES     FLIGHT                       PILOT DATA
                                                                F  S M/N     PURPOSE

3-1421 7/13/79  NR.JONESVILLE,LA        SNOW S2R              CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 27, 701
       TIME - 0645                      N4958X                PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 97 IN TYPE,
                                        DAMAGE-DESTROYED                                                INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
        JONESVILLE,LA                   LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
        STALL                                                     IN FLIGHT  PROCEDURE TURNAROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

       SPECIAL DATA                                             KIND OF OPERATION - DUSTING CROPS
         TOTAL HOURS IN CROP CONTROL -    97                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         KIND OF CROP - BEANS                                   GLOVES - NOT USED
         PILOT'S SEAT BELT - FASTENED-PROPERLY                  CRASH HELMET - AVAILABLE USED
         GOGGLES - NOT USED                                     CRASH BAR - INSTALLED
         COCKPIT CRASHPAD - NOT INSTALLED                       TERRAIN-TYPE - LEVEL,FLAT
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                SWATH RUN-HOW FLOWN - WIND CALM
         ELEVATION-AREA BEING TREATED-FEET -  25
         PROCEDURE TURNAROUND - THIRD 1/3 TURN
       FIRE AFTER IMPACT

3-1412 7/17/79    CUT OFF,LA            BELL 206B             CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 25, 3300
       TIME - 1230                      N4715R                PX-  0  0  0  AIR TAXI-CARGO              TOTAL HOURS, 710 IN TYPE,
                                        DAMAGE-SUBSTANTIAL    OT-  1  2  4                              INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
        CUT OFF,LA                      LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
        ROLL OVER                                                 IN FLIGHT  HOVERING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS

3-1417 7/28/79    PLAUCHEVILLE,LA       BELL 47WASP           CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 26, 1306
       TIME - 0800                      N38092                PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, 16 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
        PLAUCHEVILLE,LA                 . LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
        ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
        NOSE OVER/DOWN                                            LANDING  ROLL-ON/RUN-ON

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
         TERRAIN - HIGH VEGETATION
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                               SUSPECTED MECHANICAL DISCREPANCY
       REMARKS- LOST PWR AFTER LIFT-OFF FROM WORK SITE.LANDED IN SOYBEAN FLD.
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FILE   DATE        LOCATION           AIRCRAFT DATA      INJURIES      FLIGHT                        PILOT DATA
                                                          F  S M/N     PURPOSE

3-1423 7/31/79  NR.PLAUCHEVILLE.LA    BELL 47G-2A        CR-  0  0  1  COMMERCIAL                    COMMERCIAL, FL.INSTR.,
       TIME - 0900                    N166               PX-  0  0  0  ASSOC CROP CTL ACTIVITY       AGE 33, 3580 TOTAL HOURS,
                                      DAMAGE-DESTROYED                                               1864 IN TYPE, NOT INSTRU-
       DEPARTURE POINT              INTENDED DESTINATION                                             MENT RATED.
         PLAUCHEVILLE.LA              LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLIDED WITH  CROP                                      LANDING  ROLL-ON/RUN-ON
         ROLL OVER                                                LANDING  ROLL-ON/RUN-ON

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
         MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 2800                     KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - BEANS                                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED               GLOVES - NOT USED
         GOGGLES - NOT USED                                     CRASH HELMET - AVAILABLE-NOT USED
         COCKPIT CRASHPAD - NOT INSTALLED                       CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - SIDES                           TERRAIN-TYPE - LEVEL,FLAT
       REMARKS- PILOT LET ROTOR RPM GET LOW ON LANDING.SPRAY BOOM CAUGHT IN BEANS.AIRCRAFT INVERTED

3-1420 8/15/79     WATERPROOF.LA      ROCKWELL S-2R      CR-  1  0  0  COMMERCIAL                    COMMERCIAL, AGE 35, 15000
       TIME - 1545                    N4251X             PX-  0  0  0  AERIAL APPLICATION            TOTAL HOURS, 1827 IN
                                      DAMAGE-DESTROYED                                               TYPE, INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         WATERPROOF.LA                LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLIDED WITH  TREES                                     IN FLIGHT  FLAREOUT FOR SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED CLEARANCE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 9999                     KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - BEANS                                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                  GLOVES - USED
         GOGGLES - NOT USED                                     CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                       CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  25                SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
         PROCEDURE TURNAROUND - THIRD 1/3 TURN
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1424	8/23/79 TIME - 1845	NR.TALLULAH,LA	BOEING A75N1 N4440N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 36, 2587 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT
TALLULAH,LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1266	4/20/79 TIME - 0920	JONESBORO,ME	LAKE LA-4 N7639L DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 78, 298 TOTAL HOURS, 162 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DRISKO
DEPARTURE POINT
MACHIAS VALLEY,ME
INTENDED DESTINATION
JONESBORO,ME
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
REMARKS- 900FT LANDING STRIP.OWNER STATED PLT HAD NOT LNDD AT STRIP BEFORE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1307	6/9/79 TIME - 1600	MILLINOCKET,ME	PIPER J-3 N23150 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 700 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STRATTON POND
DEPARTURE POINT
MILLINOCKET,ME
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- LENGTH OF POND 1200FT

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FILE     DATE          LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                                  F  S M/N     PURPOSE

3-1282  6/1/79     COLLEGE PARK,MD       PIPER PA-22          CR-  0  0  1  NONCOMMERCIAL             PRIVATE, AGE 31, 206
        TIME - 1900                      N36187               PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - COLLEGE PARK
        DEPARTURE POINT              INTENDED DESTINATION
          COLLEGE PARK,MD              FARMINGDALE,NY
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  TAKEOFF   ABORTED
          NOSE OVER/DOWN                                            TAKEOFF   ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
        FACTOR(S)
          PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
          PILOT IN COMMAND - PREMATURE LIFT-OFF
          TERRAIN - WET,SOFT GROUND


3-1323  6/3/79     BOXBORO,MA            MINIPLANE DSA-1      CR-  0  0  1  NONCOMMERCIAL             COMMERCIAL, AGE 22, 1324
        TIME - 1610                      N13G                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 28 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        NAME OF AIRPORT - MINUTEMAN
        DEPARTURE POINT              INTENDED DESTINATION
          STOW,MA                      LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  PUMPS
          MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        REMARKS- AN913 PLUG MISSING FROM PRESSURE SIDE OF PUMP.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1260	5/6/79 TIME - 2252	TRAVERSE CITY,MI	CESSNA 310 N639R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 2808 TOTAL HOURS, 170 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CHERRY CAPITOL
DEPARTURE POINT: CHEBOYGAN,MI
INTENDED DESTINATION: CHEBOYGAN,MI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
DITCHING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- ACFT 386LBS OVER MAX G/W AT TKOF & 156LBS OVER MAX LNDG WT AT TIME OF DITCHING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1383	6/9/79 TIME - 1330	NR.MANCHESTER,MI	EIRIAVION PIK-20 N3019M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE UNK/NR, 374 TOTAL HOURS, 122 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ROSSETTIE
DEPARTURE POINT: MANCHESTER,MI
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
MISCELLANEOUS
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT GLIDER LAUNCH/TOW EQUIPMENT
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- TOW ROPE BROKE AFTER TKOF.PLT LANDED IN PLOWED FIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1258	6/13/79 TIME - 0600	LOWELL,MI	PIPER PA-22 N7429D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, 969 TOTAL HOURS, 36 IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - LOWELL
DEPARTURE POINT: LOWELL,MI
INTENDED DESTINATION: DETROIT,MI
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- ACFT 184LBS OVER MAX G/W.

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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-1382 6/15/79     UTICA,MI            CESSNA 150M          CR-  0  1  0  NONCOMMERCIAL                STUDENT, AGE 31, 152
       TIME - 2230                     N66427               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - BERZ MACOMB
       DEPARTURE POINT              INTENDED DESTINATION
         UTICA,MI                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  DITCHES                                    TAXI  TO TAKEOFF
         PROPELLER/ROTOR ACCIDENT TO PERSON                        STATIC  IDLING ENGINE(S)

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
         MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE LANDING LIGHT(S)
         MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
       REMARKS- INTENTIONAL TAXI FOR TKOF W/O LIGHTS.PLT FELL BENEATH PROP DURING ASSESSMENT OF WINGTIP DAMAGE.


3-1386 6/23/79     OWOSSOW,MI          BELLANCA 7ECA        CR-  0  0  1  NONCOMMERCIAL                STUDENT, AGE 40, 23 TOTAL
       TIME - 0700                     N5529K               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
       NAME OF AIRPORT - OWOSSO CITY
       DEPARTURE POINT              INTENDED DESTINATION
         OWOSSOW,MI                   LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  TAKEOFF  RUN
         GEAR COLLAPSED                                            TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1312	6/28/79 TIME - 1440	ST. CHARLES,MI	CESSNA 150M N66688 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 28, 29 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FRASER
DEPARTURE POINT
FLINT,MI
INTENDED DESTINATION
MICHIGAN CITY,IN
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE CONTROLS INDUCTION AIR,PREHEAT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - BINDING
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
TERRAIN - WET,SOFT GROUND
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
BLOWING SNOW
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
80
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- CARBURETOR HEAT CONTROL CABLE BINDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1313	7/7/79 TIME - 1445	NR.WEST BRANCH,MI	BELLANCA 7GCAA N31252 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 731 TOTAL HOURS, 380 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - COMMUNITY
DEPARTURE POINT
DETROIT,MI
INTENDED DESTINATION
WEST BRANCH,MI
LAST ENROUTE STOP
MIO,MI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- DEPARTED MIO WITH LOW FUEL.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                               F  S M/N     PURPOSE

3-1381 7/11/79    FLUSHING,MI          CESSNA 182         CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE UNK/NR,
       TIME - 1545                     N9108G             PX-  0  0  3  BUSINESS                   564 TOTAL HOURS, 205 IN
                                       DAMAGE-SUBSTANTIAL                                          TYPE, INSTRUMENT RATED.
       NAME OF AIRPORT - DALTON
       DEPARTURE POINT               INTENDED DESTINATION
         MECOSTA,MI                    FLUSHING,MI
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLIDED WITH  DITCHES                                 LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY


3-1460 7/11/79    HUDSONVILLE,MI       CESSNA 172         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 61, 155
       TIME - 1830                     N500TC             PX-  0  0  2  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 31 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       NAME OF AIRPORT - PRIVATE STRIP
       DEPARTURE POINT               INTENDED DESTINATION
         JAMESTOWN,MI                  LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                               LANDING  ROLL
         COLLIDED WITH  FENCE,FENCEPOSTS                        LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
         PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS


3-1462 7/15/79    ELK RAPIDS,MI        SMITH SPORT AIRE   CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 24, 488
       TIME - 1307                     N61714             PX-  1  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 240 IN TYPE,
                                       DAMAGE-DESTROYED                                            NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         HESSEL,MI                     ACME,MI
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         STALL  SPIN                                            IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
         PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
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FILE    DATE          LOCATION         AIRCRAFT DATA          INJURIES    FLIGHT                        PILOT DATA
                                                              F  S M/N    PURPOSE

3-1384  7/18/79     TROY,MI            BEECH D-55          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 55, 1750
        TIME - 1030                    N6288V              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 525 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.

        NAME OF AIRPORT - OAKLAND-TROY                          LAST ENROUTE STOP
        DEPARTURE POINT             INTENDED DESTINATION          TROY,MI
          WHEELING,IL                 DETROIT,MI                PHASE OF OPERATION
        TYPE OF ACCIDENT                                          LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED

3-1385  7/22/79     ADRIAN,MI          SCHLEICHER AS-K13   CR-  0  1  1  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
        TIME - 1600                    N9180               PX-  0  0  0  DUAL                       AGE 33, 917 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                           19 IN TYPE, NOT INSTRU-
                                                                                                    MENT RATED.

        NAME OF AIRPORT - LENAWEE COUNTY
        DEPARTURE POINT             INTENDED DESTINATION
          ADRIAN,MI                   LOCAL                     PHASE OF OPERATION
        TYPE OF ACCIDENT                                          LANDING  TRAFFIC PATTERN-CIRCLING
          COLLISION WITH GROUND/WATER  CONTROLLED

        PROBABLE CAUSE(S)
          DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING

3-1461  7/24/79     WOODLAND,MI        ERCO 415-C          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 52, 567
        TIME - 1630                    N2748H              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 13 IN TYPE,
                                       DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          WOODLAND,MI                 LOCAL                     PHASE OF OPERATION
        TYPE OF ACCIDENT                                          LANDING  GO-AROUND
          STALL  MUSH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
          TERRAIN - ROUGH/UNEVEN
        REMARKS- 111 LBS OVER USEFUL LOAD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1281	4/13/79 TIME - 1015	ST CLOUD,MN	NAVION H N2556T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 37, 3635 TOTAL HOURS, 568 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ST CLOUD MUNI
DEPARTURE POINT: ST CLOUD,MN
INTENDED DESTINATION: ST PAUL,MN
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  WHEELS-UP
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1353	5/26/79 TIME - 0600	SABIN,MN	PIPER PA-36 N3958E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 35, 5420 TOTAL HOURS, 1400 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: SABIN,MN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
  WEATHER - FOG
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  OBSCURATION
VISIBILITY AT ACCIDENT SITE
  1/2 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  IFR

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  ELEVATION-AREA BEING TREATED-FEET - 1000
REMARKS- COLLIDED WITH WIRES.TAKEOFF FROM ROADWAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1352	6/8/79 TIME - 1000	FOSSTON,MN	CESSNA 175 N26LM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	PRIVATE, AGE 46, 226 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
FOSSTON,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES

PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 44
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - BELLY
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- COLLIDED W/WIRES.

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
ELEVATION-AREA BEING TREATED-FEET - 1285

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1467	6/27/79 TIME - 2100	HUTCHINSON,MN	PIPER PA-25 N7634 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 45, 13008 TOTAL HOURS, 733 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RUNKE AIRSTRIP
DEPARTURE POINT
CEDAR MILLS,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
IN FLIGHT EN ROUTE TO RELOADING AREA
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9508
KIND OF CROP - CORN
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1060
REMARKS- PLT HAD 9HRS SLEEP IN LAST THREE DAYS.

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                             F  S M/N     PURPOSE

3-1466 4/18/79  NR.RICH.MS          PIPER PA-30          CR-  1  0  0  NONCOMMERCIAL              COMMERCIAL, AGE 54, 11000
       TIME - UNK/NR                N875RY               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 510 IN TYPE,
                                     DAMAGE-DESTROYED                                             INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION          LAST ENROUTE STOP
         OXFORD,MS                   CLARKSDALE,MS                 MEMPHIS,TN
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       REMARKS- PLT REPORTED GEAR PROBLEM.DIVERTED TO HOME STATION.


3-1271 5/25/79     GREENVILLE,MS    CESSNA 182           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 43, 72 TOTAL
       TIME - 1330                  N182CD               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   HOURS, 12 IN TYPE, NOT
                                     DAMAGE-DESTROYED                                             INSTRUMENT RATED.
       NAME OF AIRPORT - ABIDE AIRPARK
       DEPARTURE POINT             INTENDED DESTINATION
         GREENWOOD,MS                GREENVILLE,MS
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         UNDERSHOOT                                               LANDING  FINAL APPROACH
         STALL                                                    LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1251	6/8/79 TIME - 1730	NR.BENTONIA,MS	CESSNA 188 N731V/ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 41, 1040 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
DOVER ROAD,MS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL

PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 800
KIND OF CROP - COTTON
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 250
SWATH RUN-HOW FLOWN - CROSSWIND

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
ROLLING
PROCEDURE TURNAROUND - THIRD 1/3 TURN

REMARKS- WIND GUSTS TO 18KTS.

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                               F  S M/N     PURPOSE

3-1250  6/24/79   NR.RAYMOND,MS          CESSNA 170A          CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 28, 552
        TIME - 2120                      N5420C               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 12 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          ROLLING FORK,MS                MAGEE,MS
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLIDED WITH  TREES                                   IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - FOG
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - UNKNOWN/NOT REPORTED
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                  ADVERSE/UNFAVORABLE WEATHER
                                  APPROACHING DARKNESS

        SKY CONDITION                                          CEILING AT ACCIDENT SITE
          OVERCAST                                               10000
        VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                   RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                TEMPERATURE-F
          FOG                                                    71
        WIND VELOCITY-KNOTS                                    TYPE OF WEATHER CONDITIONS
          CALM                                                   VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- PLT DID NOT CHECK NAV LIGHTS & BEACON OPN.FOUND INOP IN FLT.


3-1464  7/7/79    NR.LYMAN,MS            CESSNA A188B         CR-  1  0  0  COMMERCIAL                 COMMERCIAL, AGE 46, 4688
        TIME - 0715                      N4910R               PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 88 IN TYPE,
                                         DAMAGE-DESTROYED                                               INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          LYMAN,MS                       LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          STALL  SPIN                                            IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FIRE AFTER IMPACT
        REMARKS- FERRY FLT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1270	7/10/79 TIME - 1900	LAMBERT,MS	TOMCAT MK-5A N9099T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 55, 23600 TOTAL HOURS, 1385 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DUSTER STRIP
DEPARTURE POINT — LAMBERT,MS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — ROLL OVER
PHASE OF OPERATION — TAKEOFF VERTICAL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9999
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- PLT REPORTED APPARENTLY OVERLOADED FOR EXISTING CONDITIONS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1463	7/13/79 TIME - 1330	NR.BATESVILLE,MS	GRUMMAN G-164A N8881H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, 4000 TOTAL HOURS, 2110 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PANOLA COUNTY
DEPARTURE POINT — BATESVILLE,MS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB; IN FLIGHT EN ROUTE TO TREAT CROP

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 4000
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
REMARKS- #7 CYL FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1465	7/14/79 TIME - 1845	NR.CROWDER,MS	BELLANCA 7KCAB N7563F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 1700 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NOLES FLT SERVICE
DEPARTURE POINT: CROWDER,MS
INTENDED DESTINATION: CROWDER,MS
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - HIGH VEGETATION
REMARKS- RUNWAY HAD TALL GRASS,WRAPPED AROUND LANDING GEAR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1249	7/20/79 TIME - 1730	CROSBY,MS	NAVION A N8877H DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 972 TOTAL HOURS, 432 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CROSBY
DEPARTURE POINT: MCCOMB,MS
INTENDED DESTINATION: NATCHEZ,MS
TYPE OF ACCIDENT: UNDERSHOOT; COLLIDED WITH TREES
PHASE OF OPERATION: LANDING FINAL APPROACH; LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1366	5/26/79 TIME - 0700	NR.GRAIN VALLEY,MO	BALLOON WKS FIREFY N2293H DAMAGE-NONE	CR- 0 0 1 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 33, 215 TOTAL HOURS, 65 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GRAIN VALLEY
DEPARTURE POINT: KANSAS CITY,MO
INTENDED DESTINATION: GRAIN VALLEY,MO
TYPE OF ACCIDENT: HARD LANDING
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1364	6/10/79 TIME - 1115	ROLLA,MO	CESSNA 210-5 N8108Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 2204 TOTAL HOURS, 1864 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ROLLA DOWNTOWN
DEPARTURE POINT
  LINCOLN,NE
INTENDED DESTINATION
  ROLLA,MO
TYPE OF ACCIDENT
  UNDERSHOOT
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
  PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  BROKEN
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  310
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  1500
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND VELOCITY-KNOTS
  14
TYPE OF FLIGHT PLAN
  VFR
REMARKS- WND GUSTS 20KTS.

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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES     FLIGHT                             PILOT DATA
                                                              F  S M/N     PURPOSE

3-1347  7/10/79    CLARENCE,MO           GRUMMAN G-164A       CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 32, 2300
        TIME - 0900                      N676U                PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - FARM FIELD
        DEPARTURE POINT                INTENDED DESTINATION
          CLARENCE,MO                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                      TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
          MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
        FACTOR(S)
          WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          2 MILES OR LESS                                           NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          FOG                                                       75
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          CALM                                                      VFR
        TYPE OF FLIGHT PLAN
          NONE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 1300                        KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - BEANS                                      TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                  GLOVES - NOT USED
          GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                          CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                   TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  860                  SWATH RUN-HOW FLOWN - WIND CALM


3-1367  7/15/79    MOUNTAIN GROVE,MO     BENSEN GYRO          CR-  0  0  1  NONCOMMERCIAL               STUDENT, AGE 35, 59 TOTAL
        TIME - 1415                      N47814               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    HOURS, UNK/NR IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          MOUNTAIN GROVE,MO              LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1305	7/22/79 TIME - 1910	THAYER,MO	CESSNA 177RG N53097 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 126 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SAC CITY,IA
INTENDED DESTINATION
MEMPHIS,TN
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH RESIDENCE(S)
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1317	7/28/79 TIME - 1630	COLUMBIA,MO	PIPER PA-28 N57320 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 27, 54 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - COTTON WOODS
DEPARTURE POINT
COLUMBIA,MO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DITCHES
PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
94
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LIGHT AND VARIABLE
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- DENSITY ALTITUDE APPROXIMATELY 3000FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1368	7/31/79 TIME - 1630	ST PETERS,MO	CESSNA 172 N1461F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 33, 39 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ST PETERS
DEPARTURE POINT — ST.LOUIS,MO
INTENDED DESTINATION — ST.LOUIS,MO
TYPE OF ACCIDENT — OVERSHOOT; NOSE OVER/DOWN
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
SYSTEMS - ELECTRICAL SYSTEM BATTERIES
MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
SUSPECTED MECHANICAL DISCREPANCY
REMARKS- PRECAUTIONARY LANDING.BATTERY DEAD.FALSE FUEL READINGS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1365	8/1/79 TIME - 1800	OZARK,MO	CESSNA 150 N4065V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 84 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - AIRPARK SOUTH
DEPARTURE POINT — OZARK,MO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — DRAGGED WINGTIP,POD,OR FLOAT
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA

SKY CONDITION — SCATTERED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — HAZE
TEMPERATURE-F — 90
WIND VELOCITY-KNOTS — 18
TYPE OF FLIGHT PLAN — NONE
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — LEFT CROSS WIND 248-292 DEGREES
WIND DIRECTION-DEGREES — 280
TYPE OF WEATHER CONDITIONS — VFR

BRIEFS OF ACCIDENTS

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FILE    DATE        LOCATION              AIRCRAFT DATA       INJURIES     FLIGHT                           PILOT DATA
                                                              F  S M/N     PURPOSE
3-1214  4/19/79  NR.DARBY,MT              BELL 214B-1          CR-  2  0  0  COMMERCIAL                COMMERCIAL, AGE 42, 5114
        TIME - 1345                       N226RM               PX-  0  0  0  OTHER                     TOTAL HOURS, 1745 IN
                                          DAMAGE-DESTROYED                                             TYPE, NOT INSTRUMENT
                                                                                                       RATED.
        DEPARTURE POINT             INTENDED DESTINATION
         DARBY,MT                    LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                            IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
        REMARKS- EXTERNAL LOAD OVER MAX GROSS WT. PLT JETTISONED LOG,M/R BLADES FLEXED INTO & SEPARATED TAIL BOOM.

3-1335  5/21/79  NR.BELGRADE,MT           SCORPION II          CR-  0  0  1  NONCOMMERCIAL             STUDENT, AGE 23, 190
        TIME - 2030                       N133RW               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          CHURCHILL,MT               LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  LOW PASS
          NOSE OVER/DOWN                                         LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPERLY SERVICED AIRCRAFT (OWNER-PILOT)
          MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
        REMARKS- CRASHED IN RIVER.
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FILE   DATE          LOCATION          AIRCRAFT DATA         INJURIES     FLIGHT                          PILOT DATA
                                                             F  S M/N     PURPOSE

3-1332 6/5/79  NR.CIRCLE,MT            PIPER PA-18           CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 24, 562
       TIME - 0900                     N5493H                PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, 95 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT
        CIRCLE,MT
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
       FACTOR(S)
         WEATHER - UNFAVORABLE WIND CONDITIONS
         TERRAIN - HIGH OBSTRUCTIONS
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         CLEAR                                                     UNLIMITED
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                      NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
         NONE                                                      65
       WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
         270                                                       10
       TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
         VFR                                                       NONE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -  562                        KIND OF OPERATION - DEFOLIATION (LIQUID)
         KIND OF CROP - GRAIN FIELDS                               TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                     GLOVES - USED
         GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                          CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - BELLY                              TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  2400
       REMARKS- TOOK OFF FROM ROAD IN X-WIND.DRIFTED INTO POWER POLE GUY WIRE.


3-1334 6/10/79  NR.SULA,MT             CESSNA TU206F         CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 48, 1334
       TIME - 1120                     N87330                PX-  0  2  2  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 210 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
       NAME OF AIRPORT - WETZSTEON
       DEPARTURE POINT               INTENDED DESTINATION
         FAIRFIELD,ID                 SULA,MT
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                     LANDING  ROLL
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- LND ON ROAD.L WG CAUGHT BUSHES. PRIVATE FLD NEXT TO ROAD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1331	7/8/79 TIME - 0830	NR.LANDUSKY,MT	CESSNA 180 N1674C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS OTHER	PRIVATE, AGE 29, 420 TOTAL HOURS, 47 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
LANDUSKY,MT
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
OVERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
FACTOR(S)
TERRAIN - OTHER
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- CHECKING CATTLE. LND IN HAYFIELD.150FT DROP AT END.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1333	7/31/79 TIME - 1930	BILLINGS,MT	ERCO 415-C N2467H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 39, 500 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LOGAN
DEPARTURE POINT
BILLINGS,MT
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- AIRBORNE ABOUT 40FT IN LEFT TURN. ABORTED & LND TO RT OF OTHER RWY.

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FILE    DATE        LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N      PURPOSE

3-1359  5/18/79  NR.HUNTLEY.NE          CESSNA 188        CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 27, 546
        TIME - 1630                     N4807R            PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 140 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                       NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          HOLDRIDGE.NE                  HUNTLEY.NE
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  PROCEDURE TURNAROUND
          HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS.CONDITIONS - INATTENTIVE TO FUEL SUPPLY
          MISCELLANEOUS ACTS.CONDITIONS - FUEL EXHAUSTION
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  140                   KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - GRAIN FIELDS                          TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                GLOVES - NOT USED
          GOGGLES - NOT USED                                   CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                         CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT              TERRAIN-TYPE - HILLY
          ELEVATION-AREA BEING TREATED-FEET -  2300            SWATH RUN-HOW FLOWN - WIND CALM
          PROCEDURE TURNAROUND - SECOND 1/3 TURN

3-1436  6/2/79      ONEILL.NE             GRUMMAN AA5A      CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 23, 345
        TIME - 1730                       N9910U            PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 83 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                       NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          NORFOLK.NE                    ONEILL.NE
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  LOW PASS
          COLLIDED WITH  TREES                                   LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1435	6/14/79 TIME - 1300	WILCOX,NE	BEECH H35 N5426D DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 44, 1500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HASTINGS,NE
INTENDED DESTINATION
ATWOOD,KS
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND,OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1441	6/26/79 TIME - 1845	HAIGLER,NE	CESSNA 177B N30782 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 1616 TOTAL HOURS, 1580 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WRAY,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
IN FLIGHT LOW PASS
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1361	6/30/79 TIME - 1935	OMAHA,NE	CESSNA 172 N5520D DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 122 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MILLARD
DEPARTURE POINT
OMAHA,NE
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1355	7/15/79 TIME - 1530	BASSETT,NE	CESSNA 188A N8131V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 24, 2343 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BASSETT MUNICIPAL
DEPARTURE POINT: BASSETT,NE
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL MUSH
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 20
KIND OF CROP - CORN
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 2346
KIND OF OPERATION - DUSTING CROPS
TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - NOT AVAILABLE
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- UNABLE TO DUMP LOAD QUICKLY ENOUGH TO STAY AIRBORNE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1349	7/17/79 TIME - 1130	NR.KEARNEY,NE	PIPER PA-25 N4865Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 1300 TOTAL HOURS, 900 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: KEARNEY,NE
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 900
KIND OF CROP - CORN
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 2150
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - WIND CALM

best copy available


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FILE    DATE        LOCATION            AIRCRAFT DATA         INJURIES     FLIGHT                      PILOT DATA
                                                              F  S M/N     PURPOSE
3-1322  7/28/79  NR.AUBURN,NE           ENSTROM F28C          CR-  0  0  2  COMMERCIAL
        TIME - 1245                     N51717                PX-  0  0  0  AERIAL APPLICATION        COMMERCIAL, FL.INSTR.,
                                        DAMAGE-SUBSTANTIAL                                            AGE 44, 5950 TOTAL HOURS,
        DEPARTURE POINT               INTENDED DESTINATION                                            653 IN TYPE, NOT INSTRU-
         AUBURN,NE                      LOCAL                                                         MENT RATED.
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 5200
          KIND OF CROP - CORN                                     KIND OF OPERATION - OTHER
          GLOVES - NOT USED                                       PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
          CRASH HELMET - AVAILABLE USED                           GOGGLES - NOT USED
          CRASH BAR - NOT INSTALLED                               COCKPIT CRASHPAD - NOT INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  1000               TERRAIN-TYPE - LEVEL,FLAT
        REMARKS- POLLINATING CORN.

3-1360  8/11/79  NR.HAY SPRINGS,NE      PIPER PA-32           CR-  0  0  1  NONCOMMERCIAL
        TIME - 1655                     N3397W                PX-  0  0  1  PLEASURE/PERSONAL TRANSP  PRIVATE, AGE 49, 721
                                        DAMAGE-SUBSTANTIAL                                            TOTAL HOURS, 336 IN TYPE,
        DEPARTURE POINT               INTENDED DESTINATION                                            NOT INSTRUMENT RATED.
         UNKNOWN/NOT REPORTED           ALLIANCE,NE
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- OFF AIRPORT OPERATION.

3-1437  8/11/79  NR.HAY SPRINGS,NE      PIPER PA-28           CR-  0  0  1  MISCELLANEOUS
        TIME - 1730                     N4513R                PX-  0  0  0  FERRY                     PRIVATE, AGE 33, 272
                                        DAMAGE-SUBSTANTIAL                                            TOTAL HOURS, 50 IN TYPE,
        DEPARTURE POINT               INTENDED DESTINATION                                            NOT INSTRUMENT RATED.
         HAY SPRINGS,NE                 HOT SPRINGS,SD
        TYPE OF ACCIDENT
          COLLIDED WITH  DIRT BANK                                PHASE OF OPERATION
          GEAR COLLAPSED                                            TAKEOFF  RUN
                                                                    TAKEOFF  RUN
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
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FILE    DATE           LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                                 PILOT DATA
                                                                 F  S M/N    PURPOSE

3-1438  8/12/79  NR.NORTH PLATTE,NE        CESSNA 177RG      CR-  0  0  1  NONCOMMERCIAL
        TIME - 1830                        N3328I            PX-  0  0  0  PLEASURE/PERSONAL TRANSP  COMMERCIAL, AGE 36, 626
                                           DAMAGE-SUBSTANTIAL                                         TOTAL HOURS, 34 IN TYPE,
        NAME OF AIRPORT - LEE BIRD FLD                                                                NOT INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION
         NORTH PLATTE,NE                   LOCAL
        TYPE OF ACCIDENT
         STALL  MUSH                                          PHASE OF OPERATION
                                                                TAKEOFF  INITIAL CLIMB
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        REMARKS- TAKEOFF FROM ROUGH,HILLY HAY FLD.

3-1439  8/17/79  NR.HARTINGTON,NE          PIPER PA-28       CR-  0  0  1  NONCOMMERCIAL
        TIME - 1825                        N754WW            PX-  0  0  2  PLEASURE/PERSONAL TRANSP  PRIVATE, AGE 33, 84 TOTAL
                                           DAMAGE-SUBSTANTIAL                                         HOURS, 77 IN TYPE, NOT
        NAME OF AIRPORT - HARTINGTON MUNI                                                             INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION
         HARTINGTON,NE                     LINCOLN,NE
        TYPE OF ACCIDENT
         STALL  MUSH                                          PHASE OF OPERATION
                                                                TAKEOFF  INITIAL CLIMB
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PREMATURE LIFT-OFF
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIGH VEGETATION

3-1440  8/24/79    O'NEILL,NE              BEECH C23         CR-  0  0  1  NONCOMMERCIAL
        TIME - 1200                        N6014M            PX-  0  0  0  PLEASURE/PERSONAL TRANSP  PRIVATE, AGE 22, 79 TOTAL
                                           DAMAGE-SUBSTANTIAL                                         HOURS, 16 IN TYPE, NOT
        NAME OF AIRPORT - O'NEILL MUNI                                                                INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION
         O'NEILL,NE                        MINNEAPOLIS,MN
        TYPE OF ACCIDENT
         COLLIDED WITH  DITCHES                               PHASE OF OPERATION
                                                                TAKEOFF  ABORTED
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        REMARKS- ONLY SW 1000' OF R/W 22 USEABLE DUE TO CONST.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1348	5/31/79 TIME - 1000	NR.ELKO,NV	PIPER PA-18 N1869A DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE UNK/NR, 120 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — ELKO,NV
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1319	7/29/79 TIME - 1218	RENO,NV	RYAN NAV-4 N8880H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 9729 TOTAL HOURS, 1052 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RENO
DEPARTURE POINT — YUBA CITY,CA
INTENDED DESTINATION — RENO,NV
TYPE OF ACCIDENT — GEAR COLLAPSED
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES
SYSTEMS - HYDRAULIC SYSTEM RESERVOIR,LINES,FITTINGS
MISCELLANEOUS ACTS,CONDITIONS - LOW FLUID LEVEL
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1351	4/1/79 TIME - 1800	FLANDERS,NJ	BRANTLY B2 N5968X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 38, 550 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FLANDERS VALLEY
DEPARTURE POINT — HACKETTSTOWN,NJ
INTENDED DESTINATION — FLANDERS,NJ
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION — TAKEOFF VERTICAL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1304	5/11/79 TIME - 1125	FAIRFIELD,NJ	CESSNA 150 N66781 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 30, 44 TOTAL HOURS, 41 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ESSEX CO
DEPARTURE POINT — FAIRFIELD,NJ
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- BOUNCED TWICE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1216	6/27/79 TIME - 1727	STILLMANVILLE NJ	PIPER PA-12 N4293M DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AERIAL ADVERTISING	COMMERCIAL, AGE 44, 8500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DIX AIRSTRIP
DEPARTURE POINT — STILLMANVILLE NJ
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1482	2/13/79 TIME - 1205	DEMING,NM	GRUM AMER AA5A N26250 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 36, 49 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DEMING
DEPARTURE POINT — TUCSON,AZ
INTENDED DESTINATION — DEMING,NM
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
REMARKS- AIRCRAFT STRUCK BUSHES DURING SECOND GO AROUND. RIGHT TIRE FLAT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1487	3/22/79 TIME - 1300	NR.TULAROSA,NM	HILLER UH-12D N94AP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 31, 3889 TOTAL HOURS, 315 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: TULAROSA,NM
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND SIGNALMAN

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - BELLY
ELEVATION-AREA BEING TREATED-FEET - 4300
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1469	4/11/79 TIME - 1330	ALBUQUERQUE,NM	PIPER PA-38 N4470F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 29, 702 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - VALENCIA
DEPARTURE POINT: ALBUQUERQUE,NM
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: HARD LANDING
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
REMARKS- PRACTISING GO-AROUNDS.NOSE GR.ENG MOUNT DMGD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1472	4/15/79 TIME - 1905	LORDSBURG,NM	PIPER PA-28 N2236R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 49, 4306 TOTAL HOURS, 1275 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: LORDSBURG,NM
INTENDED DESTINATION: RED ROCK,NM
TYPE OF ACCIDENT: COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION: TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
REMARKS- ACFT STRUCK PARKED CAR ON TKOF FROM ROAD AT DUSK

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FILE   DATE          LOCATION          AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-1486 4/22/79    LAS CRUCES,NM       PIPER J3C          CR-  0  0  1  MISCELLANEOUS                   COMMERCIAL, AGE 37, 385
       TIME - 1600                    N1565              PX-  0  0  0  TOWING GLIDERS                  TOTAL HOURS, 72 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LAS CRUCES
       DEPARTURE POINT              INTENDED DESTINATION
         LAS CRUCES,NM                LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                LANDING  ROLL
         COLLIDED WITH  PARKED AIRCRAFT                          LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
       REMARKS- COLLIDED WITH SCHWEIZER Z-33,N1588,MINOR DAMAGE.


3-1488 5/4/79     LORDSBURG,NM        BEECH 35-C33       CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 48, 2173
       TIME - 1000                    N5496U             PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 279 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - LORDSBURG,NM
       DEPARTURE POINT              INTENDED DESTINATION
         LORDSBURG,NM                 LONGBEACH,CA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           TAKEOFF  INITIAL CLIMB
         COLLIDED WITH  FENCE,FENCEPOSTS                         LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - FUEL SYSTEM  LINES AND FITTINGS
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
         MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PRESSURE LINE TO FUEL CONTROL ASSY SEPD FROM AN FITTING IN CONTROL ASSY.


3-1490 5/5/79     ARTESIA,NM          PITTS S1           CR-  1  0  0  NONCOMMERCIAL                   ATP,FLIGHT INSTR., AGE
       TIME - 1437                    N54F               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        28, 4600 TOTAL HOURS,
                                      DAMAGE-DESTROYED                                                 UNK/NR IN TYPE, INSTRU-
                                                                                                       MENT RATED.
       NAME OF AIRPORT - ARETSIA MUNICIPAL
       DEPARTURE POINT              INTENDED DESTINATION
         ARTESIA,NM                   LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                              IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                                PILOT DATA
                                                              F  S M/N        PURPOSE

3-1475 5/13/79    DEMING,NM              CESSNA 182           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 27, 120
       TIME - 1135                       N8890T               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 10 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         DEMING,NM                       LAS CRUCES,NM
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  CLIMB TO CRUISE
         NOSE OVER/DOWN                                                LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  MASTER AND CONNECTING RODS
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         TERRAIN - WET,SOFT GROUND
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- #1 CYL PISTON & ROD DISINTEGRATED


3-1493 5/22/79    ALBUQUERQUE,NM         CESSNA 172           CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 46, 48 TOTAL
       TIME - 0830                       N5878E               PX-  0  0  0  PRACTICE                      HOURS, 14 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - ALEMEDA
       DEPARTURE POINT                 INTENDED DESTINATION
         ALBUQUERQUE,NM                  LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         NOSE OVER/DOWN                                                TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY


3-1484 5/23/79    CLOVIS,NM              BEECH C-23           CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 47, 47 TOTAL
       TIME - 1330                       N2142W               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - CLOVIS MUNICIPAL
       DEPARTURE POINT                 INTENDED DESTINATION
         SLAYTON,TX                      CLOVIS,NM
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         HARD LANDING                                                  LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1474	5/26/79 TIME - 1000	LAS CRUCES,NM	CESSNA 180 N9004C DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	PRIVATE,FL,INSTR., AGE 41, 6037 TOTAL HOURS, 202 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAS CRUCES
DEPARTURE POINT — INTENDED DESTINATION
LAS CRUCES,NM — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR TAILWHEEL ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
REMARKS- TAILWHEEL BEARINGS WORN AND LOOSE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1473	5/30/79 TIME - 1745	SILVER CITY,NM	CESSNA 172M N12540 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 84 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TURNER-RIDGEPORT
DEPARTURE POINT — INTENDED DESTINATION
PHOENIX,AZ — SILVER CITY,NM
TYPE OF ACCIDENT — PHASE OF OPERATION
UNDERSHOOT — LANDING FINAL APPROACH
COLLISION WITH GROUND/WATER CONTROLLED — LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — CEILING AT ACCIDENT SITE
CLEAR — UNLIMITED
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
5 OR OVER(UNLIMITED) — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — RELATIVE BEARING OF WIND
NONE — LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES — WIND VELOCITY-KNOTS
270 — 15
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
VFR — VFR
REMARKS- WINDS GUSTING TO 20KNOTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1489	6/3/79 TIME - 1[illegible]30	NR.LAS VEGAS,NM	CESSNA 172 N5133F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 170 TOTAL HOURS, 115 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  ALBUQUERQUE,NM
INTENDED DESTINATION
  LAS VEGAS,NM
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
FACTOR(S)
  WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
  SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  9
TYPE OF FLIGHT PLAN
  VFR
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  250
TYPE OF WEATHER CONDITIONS
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1470	6/9/79 TIME - 1415	CLOVIS,NM	BEECH A23-19 N69130 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 26, 537 TOTAL HOURS, 0 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  CLOVIS,NM
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- DISPENCING INSECTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1481	6/11/79 TIME - 1530	ALBUQUERQUE,NM	HUGHES 269B N9317F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 8000 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  ALBUQUERQUE,NM
INTENDED DESTINATION
  ALBUQUERQUE,NM
TYPE OF ACCIDENT
  HARD LANDING
PHASE OF OPERATION
  LANDING ROLL-ON/RUN-ON

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
  MISCELLANEOUS ACTS,CONDITIONS - GROUND RESONANCE

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FILE    DATE          LOCATION           AIRCRAFT DATA         INJURIES        FLIGHT                          PILOT DATA
                                                                F  S M/N       PURPOSE

3-1479  6/29/79    WHITES CITY,NM      PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 23, 160
        TIME - 1145                    N2124J               PX-  0  0  2  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 87 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WHITES CITY
        DEPARTURE POINT              INTENDED DESTINATION
          LAKE HAVASU,AZ               CAVERN CITY,NM
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                        IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  OBJECT                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- HIT CACTUS.


3-1492  7/1/79     ROSWELL,NM          CESSNA 182           CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 42, 13 TOTAL
        TIME - 1630                    N83045               PX-  0  0  0  TRAINING                   HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - ROSWELL
        DEPARTURE POINT              INTENDED DESTINATION
          ROSWELL,NM                   ROSWELL,NM
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          HARD LANDING                                         LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1483	7/5/79 TIME - 1730	SANTA ROSA,NM	CESSNA 172 N3244F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 210 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SANTA ROSA MUNI
DEPARTURE POINT — INTENDED DESTINATION
DECATUR,TX — SANTA ROSA,NM
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH TREES

PHASE OF OPERATION
LANDING ROLL
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
360
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WIND GUST TO 20KTS.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1478	7/13/79 TIME - 0830	NR.DEMING,NM	PIPER PA-25 N74027 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 41, 910 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
YATES STRIP
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - WIND SHEAR

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 600
KIND OF CROP - COTTON
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 4350
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1491	7/21/79 TIME - 0800	CUBA,NM	PIPER PA-28 N8726N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 314 TOTAL HOURS, 239 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TORREON
DEPARTURE POINT — CUBA,NM
INTENDED DESTINATION — ALBUQUERQUE,NM
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 69
WIND DIRECTION-DEGREES — 360
WIND VELOCITY-KNOTS — 6
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- DA 8400FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1494	7/23/79 TIME - 1115	ANGEL FIRE,NM	PIPER PA-24 N6499P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 657 TOTAL HOURS, 443 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ANGEL FIRE
DEPARTURE POINT — ANGEL FIRE,NM
INTENDED DESTINATION — LIBERAC,KS
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                            PILOT DATA
                                                               F  S M/N      PURPOSE

3-1485 7/29/79    MID VALLEY,NM         STINSON 108-2        CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 43, 287
       TIME - 1500                      N45CG                PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 52 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - PRIVATE AIRPORT
       DEPARTURE POINT              INTENDED DESTINATION
         ALBUQUERQUE,NM               MID VALLEY,NM
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                      LANDING  ROLL
         NOSE OVER/DOWN                                                LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
       REMARKS- ACFT NOSED OVER IN DITCH PARALLEL TO RWY.


3-1476 8/15/79    ALBUQUERQUE,NM        CESSNA TC210         CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 56, 5000
       TIME - 1920                      N761ST               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, UNK/NR IN
                                        DAMAGE-SUBSTANTIAL                                                 TYPE, NOT INSTRUMENT
                                                                                                           RATED.
       NAME OF AIRPORT - ALBUQUERQUE
       DEPARTURE POINT              INTENDED DESTINATION
         ALBUQUERQUE,NM               LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         WHEELS-UP                                                     LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         SYSTEMS - HYDRAULIC SYSTEM  RESERVOIR,LINES,FITTINGS
         MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - LANDED ON FOAMED RUNWAY
       REMARKS- BROKEN HYD LINE.


3-1343 1/10/79    HARTFORD,NY           CESSNA 177RG         CR-  0  0  2  INSTRUCTIONAL                   COMMERCIAL, AGE 25, 289
       TIME - 1215                      N50014               PX-  0  0  0  DUAL                            TOTAL HOURS, 9 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         SIDNEY,NY                    BURLINGTON,VT
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                                LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - IGNITION SYSTEM  MAGNETOS
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- DUAL MAGNETO FAILURE,BENDIX D2000,AD 78-18-04 NOT COMPLIED WITH.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1215	4/1/79 TIME - 0730	POMPEY,NY	GRUM AMER AA-5 N9535L DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 760 TOTAL HOURS, 225 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WALLBRIDGE
DEPARTURE POINT — FULTON,NY
INTENDED DESTINATION — ORLANDO,FL
LAST ENROUTE STOP — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — OVERCAST
CEILING AT ACCIDENT SITE — 700
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 38
WIND DIRECTION-DEGREES — 300
WIND VELOCITY-KNOTS — 8
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — NONE
FIRE AFTER IMPACT
REMARKS- ACFT STRUCK TREES AT 1300 FT MSL ELEVATION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1310	4/21/79 TIME - 1600	MONTAUK,NY	PIPER PA-28 N6713W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 79 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SKY PORTAL
DEPARTURE POINT — SHIRLEY,NY
INTENDED DESTINATION — MONTAUK,NY
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; GEAR COLLAPSED
PHASE OF OPERATION — LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1457	4/28/79 TIME - 1530	WARWICK,NY	BELLANCA 14-13 N86725 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 356 TOTAL HOURS, 102 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WARWICK
DEPARTURE POINT — INTENDED DESTINATION
WARWICK,NY — SPRING VALLEY,NY
TYPE OF ACCIDENT — PHASE OF OPERATION
STALL — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1314	5/19/79 TIME - 0715	MASSAPEQUA,NY	CESSNA 182 N3309U DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 3 0 0 OT- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, 388 TOTAL HOURS, 41 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ZAHNS
DEPARTURE POINT — INTENDED DESTINATION
ZAHNS,NY — OSWEGO,NY
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH GROUND/WATER UNCONTROLLED — IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - IMPROPER IFR OPERATION
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG

SKY CONDITION — CEILING AT ACCIDENT SITE
OVERCAST — 200
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
1 MILE OR LESS — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — TEMPERATURE-F
FOG — 56
WIND DIRECTION-DEGREES — WIND VELOCITY-KNOTS
60 — 12
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
IFR — IFR
FIRE AFTER IMPACT
REMARKS- PLT HAD ACCUMULATED A TOTAL OF 17 ACTUAL INST TIME.APPROX 3 HRS ACTUAL INST FLOWN LAST 6 MONTHS.

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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES       FLIGHT                            PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1308  5/25/79    VENICE CENTER,NY       PIPER PA-32          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 39, 666
        TIME - 1500                       N34070               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 46 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SOD STRIP
        DEPARTURE POINT                 INTENDED DESTINATION
          VENICE CENTER,NY                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  DIRT BANK                                  TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY


3-1309  5/28/79     MT KISCO,NY           CESSNA 172H          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 40, 78 TOTAL
        TIME - 1448                       N7370T               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     HOURS, ALL IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          DUTCHESS CO,NY                  WESTCHESTER CO,NY
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - RAIN

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          OVERCAST                                                  1500
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          1 MILE OR LESS                                            THUNDERSTORM
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TYPE OF WEATHER CONDITIONS
          UNKNOWN/NOT REPORTED                                      IFR
        TYPE OF FLIGHT PLAN
          NONE


3-1342  6/1/79      ELLENVILLE,NY         CESSNA 182           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 48, 334
        TIME - 2000                       N3509F               PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 280 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - ELLENVILLE,NY
        DEPARTURE POINT                 INTENDED DESTINATION
          ELLENVILLE,NY                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        REMARKS- BRAKE DISCS RUSTY & PITTED.BRAKE LININGS REPLACED ON 10/20/78.R/W SLIGHT DWNGRD.ROLLED INTO CREEK.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1455	6/1/79 TIME - 1535	NEW YORK,NY	AGUSTA 109A N516KA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 32, 2175 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PAN AM HELIPORT
DEPARTURE POINT — TERENTON NJ
INTENDED DESTINATION — NEW YORK,NY
TYPE OF ACCIDENT — AIRFRAME FAILURE ON GROUND
PHASE OF OPERATION — LANDING POWER-ON LANDING

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE PRESSURE
MISCELLANEOUS ACTS,CONDITIONS - GROUND RESONANCE
REMARKS- LDG STRUTS INFLATED TO 200 PSI.SHOULD HAVE HAD 99 PSI.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1341	6/23/79 TIME - 1330	ISLIP,NY	CESSNA 150 N704P7 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 51, 34 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ISLIP-MACARTHUR
DEPARTURE POINT — ISLIP,NY
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING; GEAR COLLAPSED
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - RECIEVED RECORDED BRIEFING BY LEMF RADIO
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES — 310
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTING 20K.

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FILE    DATE          LOCATION              AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                                   F  S M/N     PURPOSE

3-1407  1/26/79     FRANKLIN,NC            BEECH S35              CR-  0  1  0  NONCOMMERCIAL                   PRIVATE, AGE 36, 160
        TIME - 1630                        N5792K                 PX-  0  3  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 22 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
          LEESBURG,FL                      FRANKLIN,NC
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                       LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- 1PT FUEL IN R TANK.2GAL IN L TANK.SEL ON L TANK.WITNESS OBS FUEL LEAKING FM TOP OF ENG.


3-1409  5/13/79     LINDEN,NC              PIPER PA-28            CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 39, 356
        TIME - 1410                        N4399J                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 150 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SEARLES
        DEPARTURE POINT                  INTENDED DESTINATION
          LINDEN,NC                        LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLIDED WITH  TREES                                          TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          PILOT IN COMMAND - PREMATURE LIFT-OFF
          PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIGH VEGETATION
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
          TERRAIN - HIGH OBSTRUCTIONS
        REMARKS- 12INCH DEEP GRASS.STANDING WATER ON RWY.NOSE-HI.MUSHING.LEFT DRIFT AFTER LIFT-OFF.HIT TREES.


3-1408  5/20/79     CHARLOTTE,NC           CESSNA 150             CR-  0  0  2  NONCOMMERCIAL                   PRIVATE, AGE 25, 71 TOTAL
        TIME - 1000                        N5665F                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP        HOURS, 34 IN TYPE, NOT
                                           DAMAGE-SUBSTANTIAL                                                   INSTRUMENT RATED.
        NAME OF AIRPORT - BROCKENBROUGH
        DEPARTURE POINT                  INTENDED DESTINATION
          CHARLOTTE,NC                     LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                      LANDING  ROLL
          NOSE OVER/DOWN                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
        FACTOR(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
        REMARKS- VEERED LEFT.RAN OFF L SIDE DOWN GRADE.NOSED OVER.L BRAKE OUTBD LINING MISSING.
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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                            F  S M/N      PURPOSE

3-1405 6/8/79      NEWTON,NC            RYAN NAVION          CR-  0  0  1  MISCELLANEOUS               COMMERCIAL, FL.INSTR.,
       TIME - 1815                      N8634H               PX-  0  0  0  FERRY                       AGE 36, 2640 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                             3 IN TYPE, INSTRUMENT
       DEPARTURE POINT               INTENDED DESTINATION                                              RATED.
         ST.SIMONS,GA                 MT AIRY,NC
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  AUTOMOBILE                                     LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PILOT SELECTED AUX TANKS FIRST.RETURN FUEL PUMPED OVERBOARD.


3-1406 6/12/79     SHELBY,NC            CESSNA 150           CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 39, 63 TOTAL
       TIME - 1235                      N66031               PX-  0  0  0  SOLO                        HOURS, 48 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         GAINSVILLE,GA                GASTONIA,NC
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  OBJECT                                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - BECAME LOST/DISORIENTED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1320 7/1/79      BOONE,NC             CESSNA 182M          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 25, 170
       TIME - 0915                      N91526               PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 2 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - BOONE-BLOWING RK
       DEPARTURE POINT               INTENDED DESTINATION
         MACON,GA                     BOONE,NC
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         OVERSHOOT                                                     LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  DITCHES                                        LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
       REMARKS- ERRATIC TFC PATTERN.HIGH FAST ON FINAL.T/D NR MIDFIELD ON WET SOD RWY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1354	6/22/79 TIME - 0045	NR.DAWSON,ND	CESSNA 182O N4561H DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 142 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  WAHPETON,ND
INTENDED DESTINATION
  BISMARCK,ND
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED ALTITUDE
FACTOR(S)
  WEATHER - OBSTRUCTIONS TO VISION
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  HAZE
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- BISMARCK WX.

CEILING AT ACCIDENT SITE
  20000
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  60
TYPE OF FLIGHT PLAN
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1358	7/5/79 TIME - 0600	GARSKY,ND	CESSNA A188B N2172J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 29, 8625 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  DEVILS LAKE,ND
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 3000
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 1460
  PROCEDURE TURNAROUND - SECOND 1/3 TURN
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - ROLLING
  SWATH RUN-HOW FLOWN - DOWNWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1442	7/21/79 TIME - 1215	MINOT,ND	HILLER UH-12D N62397 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL OTHER	COMMERCIAL, AGE 31, 1300 TOTAL HOURS, 157 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MINOT INTL
DEPARTURE POINT: MINOT,ND
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
TAKEOFF VERTICAL
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE
MISCELLANEOUS ACTS,CONDITIONS - ERRATIC
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- SIGHTSEEING FLIGHT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1443	8/3/79 TIME - 2055	BISMARCK,ND	BEECH V35 N911V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 167 TOTAL HOURS, 33 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BISMARCK MUNI
DEPARTURE POINT: CAVALIER,ND
INTENDED DESTINATION: BISMARCK,ND
TYPE OF ACCIDENT
DRAGGED WINGTIP,POD,OR FLOAT
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
70
WIND VELOCITY-KNOTS
14
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES
60
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WIND GUSTS TO 19 KTS.

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                        PILOT DATA
                                                             F  S M/N      PURPOSE

3-1444 8/22/79  NR.LEEDS,ND            PIPER PA-18          CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 54, 91 TOTAL
       TIME - 1900                     N2515A               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      HOURS, 80 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        LEEDS,ND                        LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  ANIMALS                                     IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
       REMARKS- HERDING CATTLE.


3-1225 5/19/79    LEXINGTON,OH         HILLER UH-12E        CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 28, 2320
       TIME - 1930                     N67156               PX-  0  0  0  AERIAL APPLICATION            TOTAL HOURS, 750 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         LEXINGTON,OH                   LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE  MAIN ROTOR                        IN FLIGHT  PULLUP FROM SWATH RUN
         ROLL OVER                                                  LANDING  POWER-OFF AUTOROTATIVE LANDING

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         ROTORCRAFT - ROTOR ASSEMBLIES  UNIVERSAL JOINTS,COUPLINGS
         MISCELLANEOUS ACTS,CONDITIONS - WRONG PART
         MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 1450                         KIND OF OPERATION - FERTILIZING (LIQUID)
         KIND OF CROP - CORN                                        TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                      GLOVES - NOT USED
         GOGGLES - NOT USED                                         CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                           CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - SIDES                               TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  1300                  SWATH RUN-HOW FLOWN - WIND CALM
       REMARKS- PRTS LIST HAS 3 TORSION CPLNGS FOR UH12E.SAME SIZE BUT NOT FUNCIONLY CHNGBL.MAINT MAN-NO SPECS.


3-1226 6/10/79    JOHNSTOWN,OH         BENSON B8M           CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 25, 139
       TIME - 1245                     N4644                PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 0 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - KEARNS
       DEPARTURE POINT               INTENDED DESTINATION
         JOHNSTOWN,OH                   JOHNSTOWN,OH
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         STALL                                                      LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1398	7/6/79 TIME - 1920	COLUMBUS,OH	VARIVIGGEN EDGAR N101JF DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL OTHER	PRIVATE, AGE 36, 499 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PORT COLUMBUS INT
DEPARTURE POINT: COLUMBUS,OH
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL SPIN
PHASE OF OPERATION
LANDING GO-AROUND
LANDING GO-AROUND

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
REMARKS- PLT INIT GO AROUND DUE TO LNDG GEAR PROBLEMS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1273	3/15/79 TIME - 0930	JOHN DAY,OR	CESSNA T210N N7426N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 49, 2140 TOTAL HOURS, 228 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - JOHN DAY
DEPARTURE POINT: POCATELLO,ID
INTENDED DESTINATION: SALEM,OR
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1205	5/8/79 TIME - 1743	GRANTS PASS,OR	PIPER PA-28R N9433N DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS TEST	PRIVATE, AGE 39, 722 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - JOSEPHINE COUNTY
DEPARTURE POINT: GRANTS PASS,OR
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1207	5/18/79 TIME - 0545	NR.ISLAND CITY,OR	BELL 206B N59520 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 34, 4521 TOTAL HOURS, 103 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  LA GRANDE,OR
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - BELLY
  ELEVATION-AREA BEING TREATED-FEET - 2700
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
  GLOVES - USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - NOT INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1206	5/25/79 TIME - 1045	NR.HELIX,OR	AERO COMDR S2R N4999X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 58, 10400 TOTAL HOURS, 1418 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  PENDLETON,OR
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  GEAR COLLAPSED
PHASE OF OPERATION
  IN FLIGHT PULLUP FROM SWATH RUN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 1500
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - ROLLING
  SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- NR 2 CYL HEAD ROCKER BOSS FAILED.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                               PILOT DATA
                                                              F  S M/N     PURPOSE

3-1204  6/15/79    SISTERS,OR          BEECH D-17S          CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 46, 1610
        TIME - 1715                    N1030                PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 622 IN TYPE.
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - SISTERS
        DEPARTURE POINT              INTENDED DESTINATION
          LEBANON,OR                   SISTERS,OR
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
          MISCELLANEOUS ACTS,CONDITIONS - LOW FLUID LEVEL
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
          TERRAIN - HIGH OBSTRUCTIONS
        REMARKS- RAN INTO FENCE.


3-1389  5/7/79     CENTRAL CITY,PA     BEECH C23            CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 41, 270
        TIME - 1100                    N1996L               PX-  0  0  2  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 6 IN TYPE.
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - INDIAN LAKE
        DEPARTURE POINT              INTENDED DESTINATION
          CENTRAL CITY,PA              LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  TAKEOFF  RUN
          COLLIDED WITH  DITCHES                                    TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
          PILOT IN COMMAND - PREMATURE LIFT-OFF
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN


3-1387  5/20/79    EMPORIUM,PA         MOONEY M20B          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 48, 343
        TIME - 1605                    N74543               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 184 IN TYPE.
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - EMPORIUM
        DEPARTURE POINT              INTENDED DESTINATION
          CHERRY SPRINGS,PA            EMPORIUM,PA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          UNDERSHOOT                                                LANDING  FINAL APPROACH
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1388	5/31/79 TIME - 1730	WATERFORD,PA	CESSNA 150 N21974 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 23, 33 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WATERFORD
DEPARTURE POINT: WATERFORD,PA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH OBJECT
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
REMARKS- HIT WINDSOCK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1390	6/10/79 TIME - 1220	PROSPECTVILLE,PA	PIPER PA-23 N62721 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 520 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TURNER FIELD
DEPARTURE POINT: PROSPECTVILLE,PA
INTENDED DESTINATION: ATLEY,NJ
TYPE OF ACCIDENT: WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1393	6/16/79 TIME - 1500	WAUPWALLOPEN,PA	BELL 47G-2 N2884B DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 50, 60 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOBBI
DEPARTURE POINT: WAUPWALLOPEN,PA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- RPM DECAYED,DURING TURN BACK COPTER STRUCK A TREE.

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES        FLIGHT                       PILOT DATA
                                                                 F  S M/N        PURPOSE

3-1397  6/19/79    HANOVER,PA           BELL 47D-1           CR-  0  0  1   COMMERCIAL                    COMMERCIAL, AGE 32, 662
        TIME - 0727                     N59326               PX-  0  0  0   AERIAL APPLICATION            TOTAL HOURS, 295 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CORN FIELD
        DEPARTURE POINT               INTENDED DESTINATION
          HANOVER,PA                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  ELECTRONIC TOWERS                         IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  12                       KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - PEAS                                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                GLOVES - NOT USED
          GOGGLES - USED                                          CRASH HELMET - AVAILABLE-NOT USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - SIDES                            TERRAIN-TYPE - ROLLING
          ELEVATION-AREA BEING TREATED-FEET -  602                SWATH RUN-HOW FLOWN - WIND CALM


3-1391  7/1/79     SLATINGTON,PA        CESSNA 150G          CR-  0  0  1   INSTRUCTIONAL                 STUDENT, AGE 44, 68 TOTAL
        TIME - 1615                     N8397J               PX-  0  0  0   TRAINING                      HOURS, 24 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - SLATINGTON
        DEPARTURE POINT               INTENDED DESTINATION
          SLATINGTON,PA                 LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            TAKEOFF  INITIAL CLIMB
          DITCHING                                                 LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
        REMARKS- ENG AND ACCESSORIES BLOWN DRY. ACFT SERVICED. SATISFACTORY ENG RUN PERFORMED.


3-1396  7/3/79     WEST MIFFLIN,PA      CESSNA 152           CR-  0  0  1   INSTRUCTIONAL                 STUDENT, AGE 32, 51 TOTAL
        TIME - 1700                     N757VT               PX-  0  0  0   SOLO                          HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - ALLEGHENY COUNTY
        DEPARTURE POINT               INTENDED DESTINATION
          WEST MIFFLIN,PA               LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        REMARKS- ENG MOUNT ASSY DMGD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1392	7/5/79 TIME - 2020	ELIZABETHTOWN,PA	GRUMMAN AA1B N1604R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 33, 11 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ELIZABETHTOWN
DEPARTURE POINT - ELIZABETHTOWN,PA
INTENDED DESTINATION - LOCAL
TYPE OF ACCIDENT: HARD LANDING; NOSE OVER/DOWN
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1394	7/7/79 TIME - 2045	ZELIENOPLE,PA	PIPER PA-22 N9741D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 468 TOTAL HOURS, 66 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ZELIENOPLE
DEPARTURE POINT - ZELIENOPLE,PA
INTENDED DESTINATION - LOCAL
TYPE OF ACCIDENT: HARD LANDING
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1395	7/8/79 TIME - 1415	ALBION,PA	LUSCOMBE 8A N45922 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 320 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT - DUNKIRK,NY
INTENDED DESTINATION - NORTHEIELD,PA
LAST ENROUTE STOP - ASHTABULA,NY
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; NOSE OVER/DOWN
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                                 PILOT DATA
                                                                 F  S M/N       PURPOSE

3-1264 5/26/79    LAURENS,SC           CESSNA 172            CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 46, 196
       TIME - 1930                     N21124                PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LAURENS COUNTY
       DEPARTURE POINT               INTENDED DESTINATION
         STONE MOUNTAIN,GA             LAURENS,SC
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                 LANDING  ROLL
         COLLIDED WITH  DITCHES                                   LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS


3-1235 6/21/79    TRENTON,SC           CESSNA 421B           CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, FL.INSTR.,
       TIME - 1455                     N41022                PX-  0  0  3  CORP/EXEC                     AGE 48, 2000 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                               80 IN TYPE, INSTRUMENT
       NAME OF AIRPORT - TRENTON MUNICIPAL                                                              RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         TRENTON,SC                    ATLANTA,GA
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         STALL  MUSH                                              TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
       FACTOR(S)
         TERRAIN - WET,SOFT GROUND
       REMARKS- OVER MAX G/W BY 111.5LBS.


3-1234 7/2/79   NR.GREELEYVILLE,SC     CESSNA 152            CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 27, 7601
       TIME - 2020                     N41022                PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 480 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LESESEN AIRSTRIP
       DEPARTURE POINT               INTENDED DESTINATION
         GREELEYVILLE,SC               LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            LANDING  LEVEL OFF/TOUCHDOWN
         NOSE OVER/DOWN                                           LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
         TERRAIN - WET,SOFT GROUND
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1217	3/18/79 TIME - 2100	PIERRE,SD	PIPER PA-24 N8916P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 39, 3311 TOTAL HOURS, 1472 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PIERRE MUN
DEPARTURE POINT
BOZEMAN,MT
INTENDED DESTINATION
PIERRE,SD
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
1200
VISIBILITY AT ACCIDENT SITE
1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
SLEET, SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TEMPERATURE-F
33
WIND DIRECTION-DEGREES
330
WIND VELOCITY-KNOTS
30
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
IFR
REMARKS- ENG FAILED ON IFR APPROACH.LDG IN ROUGH TERRAIN.CONTAMINATION AND WATER IN FUEL SYS.WND GUSTS 35KT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1434	6/10/79 TIME - 1530	DELMONT,SD	CESSNA 152 N65583 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 17, 77 TOTAL HOURS, 69 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SIOUX CITY,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- LEFT WING STRUCK UNKNOWN RIDGED OBJECT CAUSING COMPRESSION LOAD DAMAGE TO SPAR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1357	7/14/79 TIME - 0900	MEADOW,SD	BELLANCA 7GCBC N53829 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 24, 27 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MEADOW,SD
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
TERRAIN - WET,SOFT GROUND
REMARKS- PILOT OPERATED ACFT 5.6 HRS SINCE 6/29/78.LANDED IN PASTURE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1433	7/15/79 TIME - 1815	BELVIDERE,SD	PIPER PA-25 N8628L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 1293 TOTAL HOURS, 625 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MURDO,SD
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS - SMOKE IN COCKPIT
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 600
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 2260
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- #6 CONNECTING ROD-P/N LW11750 FAILED.

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FILE    DATE         LOCATION            AIRCRAFT DATA          INJURIES     FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-1356  7/27/79    HAYES,SD              PIPER PA-36         CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 21, 719
        TIME - 1230                      N9956P              PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 375 IN TYPE,
                                         DAMAGE-DESTROYED                                             INSTRUMENT RATED.
        NAME OF AIRPORT - HAYES
        DEPARTURE POINT             INTENDED DESTINATION
          HAYES,SD                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  720                       KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - GRAIN FIELDS                              TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                    GLOVES - USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE-NOT USED
          COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                  TERRAIN-TYPE - ROLLING
          ELEVATION-AREA BEING TREATED-FEET -  2000                SWATH RUN-HOW FLOWN - CROSSWIND
        FIRE AFTER IMPACT


3-1445  4/10/79  NR.NEWBERN,TN           GRUMMAN G-164       CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 20, 1186
        TIME - 1745                      N6604               PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 67 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LOCAL ROAD
        DEPARTURE POINT             INTENDED DESTINATION
         NEWBERN,TN                   LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            TAKEOFF  INITIAL CLIMB
          COLLISION WITH GROUND/WATER  CONTROLLED                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  BLOWER,IMPELLER ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          PILOT IN COMMAND - IMPROPER STARTING PROCEDURES
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  600                       KIND OF OPERATION - DUSTING CROPS
          KIND OF CROP - GRAIN FIELDS                              TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                  TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  300                 SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
        REMARKS- BLOWER BEARING FAILURE ON TKOF.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1448	5/24/79 TIME - 1320	ELK VALLEY,TN	TAYLORCRAFT F-19 N36791 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	AIRLINE TRANSPORT, AGE 25, 2458 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  CARYVILLE,TN
INTENDED DESTINATION
  SOUTH BEND,IN
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
  INSTRUMENTS/EQUIPMENT AND ACCESSORIES - COMMUNICATIONS AND NAVIGATION EQUIPMENT TRANSMITTERS AND/OR RECEIVERS
  WEATHER - LOW CEILING
  TERRAIN - HIGH OBSTRUCTIONS
  MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  0
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  54
TYPE OF FLIGHT PLAN
  NONE
REMARKS- FOLLOWING HWY THRU MOUNTAINOUS TERRAIN.FLEW 10 HRS IN LAST 24HRS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1450	5/25/79 TIME - 1730	CLEVELAND,TN	CESSNA 172 N5052H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 196 TOTAL HOURS, 161 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HARDWICK FIELD
DEPARTURE POINT
  ATHENS,TN
INTENDED DESTINATION
  CLEVELAND,TN
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  310
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  3000
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS
  18
TYPE OF FLIGHT PLAN
  NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1452	5/26/79 TIME - 1500	BENTON,TN	SCHLEICHER KA-8BB N170DR DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 870 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
BENTON,TN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
REMARKS- PILOT RELEASED TOW CABLE AT TOO LOW AN ALTITUDE.WIND WAS CALM WITHOUT MUCH LIFTING ACTION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1451	5/28/79 TIME - 1300	OAK RIDGE,TN	MOONEY M-20F N1254X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 700 TOTAL HOURS, 110 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ATOMIC AIRPORT
DEPARTURE POINT
OAK RIDGE,TN
INTENDED DESTINATION
PAINESVILLE,OH
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
POWERPLANT - IGNITION SYSTEM MAGNETOS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- ERRATIC MAG CK ON RUN-UP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1453	6/6/79 TIME - 0710	DUNLAP,TN	PIPER PA-22 N8619C DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 42, 600 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
JASPER,TN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT ATTEMPTED EMERG LDG ON ROAD AFTER RUNNING R TNK OUT OF FUEL.LFT TANK HAD 8GAL REMAINING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1454	6/10/79 TIME - 1745	NASHVILLE,TN	CESSNA 177RG N35647 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	AIRLINE TRANSPORT, AGE 41, 9020 TOTAL HOURS, 201 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - METROPOLITAN
DEPARTURE POINT
  NASHVILLE,TN
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES
  MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- THROTTLE CTL SUPPORT BRACKET,P/N 2050019-1,BECAME LOOSE.THROTTLE INOPERATIVE ON FINAL APCH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1449	6/21/79 TIME - 1030	COVINGTON,TN	PIPER PA-25 N72607 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 386 TOTAL HOURS, 18 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  COVINGTON,TN
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH DIRT BANK
PHASE OF OPERATION
  IN FLIGHT CLEANUP SWATH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
  WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  180
TYPE OF WEATHER CONDITIONS
  VFR

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  92
WIND VELOCITY-KNOTS
  8
TYPE OF FLIGHT PLAN
  NONE

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 18
  KIND OF CROP - OTHER
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 260

KIND OF OPERATION - OTHER
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

REMARKS- PILOT WAS FLYING UNDER POWER LINE WIRES.

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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES    FLIGHT                          PILOT DATA
                                                                 F  S M/N    PURPOSE

3-1447  7/5/79     ELIZABETHTON,TN      CESSNA A185          CR-  0  0  2  INSTRUCTIONAL                 ATP,FLIGHT INSTR., AGE
        TIME - 1645                     N70083               PX-  0  0  0  DUAL                          49, 11770 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                               820 IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - ELIZABETHTON
        DEPARTURE POINT              INTENDED DESTINATION
          ELIZABETHTON,TN              LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          DUAL STUDENT - FAILED TO MAINTAIN DIRECTIONAL CONTROL
          DUAL STUDENT - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          DUAL STUDENT - LACK OF FAMILIARITY WITH AIRCRAFT
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT


3-1446  7/19/79    GREENEVILLE,TN       BEECH A35            CR-  0  0  1  MISCELLANEOUS                 COMMERCIAL, FL.INSTR.,
        TIME - 1515                     N534B                PX-  0  0  0  FERRY                         AGE 23, 867 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                               2 IN TYPE, INSTRUMENT
                                                                                                         RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          SHELBY,NC                    KNOXVILLE,TN
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  OBJECT                                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- FORCED LDG IN LANDFILL.FUEL SELECTOR IN AUX/TIP TANK PSN.


3-1297  2/26/79    HOUSTON,TX           SWEARINGEN SA26AT    CR-  0  0  2  MISCELLANEOUS                 AIRLINE TRANSPORT, AGE
        TIME - 0922                     N345T                PX-  0  0  0  TEST                          55, 11328 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                               3405 IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - HOBBY
        DEPARTURE POINT              INTENDED DESTINATION
          HOUSTON,TX                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  RUNWAY OR APPROACH LIGHTS                  TAKEOFF  ABORTED
          GEAR COLLAPSED                                            TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE   DATE          LOCATION          AIRCRAFT DATA       INJURIES      FLIGHT                           PILOT DATA
                                                            F  S M/N     PURPOSE

3-1277 3/30/79    SLATON,TX            BEECH 19            CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 25, 25 TOTAL
       TIME - 1615                     N1921W              PX-  0  0  0  SOLO                         HOURS, 9 IN TYPE, NOT
                                       DAMAGE-DESTROYED                                               INSTRUMENT RATED.
       NAME OF AIRPORT - SLATON
       DEPARTURE POINT              INTENDED DESTINATION
         SLATON,TX                    LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                LANDING  ROLL
         NOSE OVER/DOWN                                          LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL


3-1336 4/9/79     LAKEWAY,TX           CESSNA 421          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 35, 760
       TIME - 1245                     N4584L              PX-  0  0  7  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 60 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - LAKEWAY
       DEPARTURE POINT              INTENDED DESTINATION
         PORT ARANSAS,TX              LAKEWAY,TX
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                   LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
       REMARKS- LEFT BRAKE PUCKS EXCESSIVELY WORN.COLLIDED W ROCKS AFTER DEP RWY.


3-1298 5/19/79    MORGAN POINT,TX      PITTS S1C           CR-  1  0  0  NONCOMMERCIAL                COMMERCIAL, AGE 30, 479
       TIME - 1800                     N7EH                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 0 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         MORGAN POINT,TX              LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  ACROBATICS
         STALL  SPIRAL                                           LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
         POWERPLANT - FUEL SYSTEM  TANKS
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                               F  S M/N     PURPOSE

3-1223  5/22/79    ANSON,TX             PIPER PA-25          CR-  0  0  1  COMMERCIAL                    COMMERCIAL, FL.INSTR.,
        TIME - 1725                     N9733P               PX-  0  0  0  ASSOC CROP CTL ACTIVITY       AGE 31, 1890 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                               621 IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - PITTARD
        DEPARTURE POINT            INTENDED DESTINATION
          ANSON,TX                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS


3-1295  6/7/79     TOMBALL,TX           CESSNA 177           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 21, 163
        TIME - 2300                     N3137T               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HOOKS
        DEPARTURE POINT            INTENDED DESTINATION
          LA GRANGE,TX               TOMBALL,TX
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
          COLLIDED WITH  WIRES/POLES                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1296  6/17/79    FREER,TX             GRUM-AMER AA1-B      CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 26, 223
        TIME - 1930                     N9996L               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 19 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - FREER MUNICIPAL
        DEPARTURE POINT            INTENDED DESTINATION
          FREER,TX                   MC ALLEN,TX
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1222	6/29/79 TIME - 0915	MANVEL,TX	BELL 47G-4 N1150W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 28, 3451 TOTAL HOURS, 672 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT MANVEL,TX
INTENDED DESTINATION LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT SURVEY FIELD/AREA

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1224	7/1/79 TIME - UNK/NR	BEAUMONT,TX	CESSNA 152 N89215 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - BEAUMONT MUNICPAL
DEPARTURE POINT BEAUMONT,TX
INTENDED DESTINATION UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
UNDETERMINED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
REMARKS- INJURY INDEX PRESUMED.ACFT STOLEN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1337	7/19/79 TIME - 1815	FT.WORTH,TX	PIPER PA-32 N4181R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 44, 4731 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEACHEM FIELD
DEPARTURE POINT FT.WORTH,TX
INTENDED DESTINATION WILBURTON,OK
TYPE OF ACCIDENT
COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
TAXI OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER STARTING PROCEDURES
REMARKS- SUBSTANTIAL DAMAGE TO DH-125,N948D

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1338	8/23/79 TIME - 1530	COYANOSA,TX	PIPER PA-25 N4776Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 13495 TOTAL HOURS, 3475 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  COYANOSA,TX
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL
PHASE OF OPERATION
  IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  WEATHER - WIND SHEAR
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  10
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  90
TYPE OF WEATHER CONDITIONS
  VFR

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 9999
  KIND OF CROP - COTTON
  PILOT'S SEAT BELT - FASTENED-PROPERLY
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 2600
  PROCEDURE TURNAROUND - THIRD 1/3 TURN
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE-NOT USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- PILOT REPORTED WND SHEAR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1350	4/28/79 TIME - 1300	NR.ST.ALBANS,VT	BELLANCA 7GCBC N5034K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 65, 1011 TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KISSANE
DEPARTURE POINT
  ST.ALBANS,VT
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
  MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
REMARKS- DOG ON RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1279	6/7/79 TIME - 1120	WOODBRIDGE,VA	BEECH C24R N18969 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 32, 163 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WOODBRIDGE
DEPARTURE POINT
NORFOLK,VA
INTENDED DESTINATION
WATERBURY,CT
LAST ENROUTE STOP
WOODBRIDGE,VA
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
FIRE AFTER IMPACT
REMARKS- ACFT ON RWY.GR DOWN LATE.MADE STEEP L TURN AT LOW ALT.CRASHED INTO PARKED ACFT.N1686H-DESTROYED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1211	5/9/79 TIME - 1450	SPOKANE,WA	HUGHES 369D N8601F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 47, 10040 TOTAL HOURS, 16 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SPOKANE INTL
DEPARTURE POINT
HANSON CO.HELI-PORT
INTENDED DESTINATION
SPOKANE,WA
LAST ENROUTE STOP
SPOKANE,WA
TYPE OF ACCIDENT
ROLL OVER
PHASE OF OPERATION
LANDING POWER-ON LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
295
WIND VELOCITY-KNOTS
12
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- WIND GUSTS TO 15KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1205	5/26/79 TIME - 1300	MERCER ISLAND,WA	CESSNA 177B N[illegible] DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PERSONAL/PERSONAL TRANSP	COMMERCIAL, FLT.INSTR., AGE 54, [illegible] TOTAL HOURS, [illegible] IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RENTON MUNICIPAL
DEPARTURE POINT — INTENDED DESTINATION
SEATTLE,WA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT: NORMAL CRUISE
COLLIDED WITH: OBJECT — LANDING: ROLL

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM: CARBURETOR
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- AIR FILTER GASKET FOUND IN CARBURETOR VENTURI.STRUCK WALL, COAL [illegible]

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1208	6/2/79 TIME - 1600	ISSAQUAH,WA	LET BLANIK L-13 N[illegible] DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 33 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SKYPORT
DEPARTURE POINT — INTENDED DESTINATION
ISSAQUAH,WA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
OVERSHOOT — LANDING: LEVEL OFF/TOUCHDOWN
COLLIDED WITH: OBJECT — LANDING: ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — CEILING AT ACCIDENT SITE
CLEAR — UNLIMITED
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
5 OR OVER(UNLIMITED) — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — RELATIVE BEARING OF WIND
NONE — HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES — WIND VELOCITY-KNOTS
330 — 7
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
VFR — NONE
REMARKS- INADVERTENTLY RETRACTED SPOILERS. RAN INTO FENCE

```
FILE    DATE          LOCATION          AIRCRAFT DATA       INJURIES     FLIGHT
                                                             F  S  M/N    PURPOSE                        PILOT DATA

3-1213  6/3/79     SPANGLE,WA          FLYBABY 1          CR-  0  0  1  NONCOMMERCIAL
        TIME - 0815                    N22837             PX-  0  0  0  PLEASURE/PERSONAL TRANSP  COMMERCIAL, FL.INSTR.,
                                       DAMAGE-SUBSTANTIAL                                          AGE 29, 493 TOTAL HOURS,
                                                                                                   25 IN TYPE, NOT INSTRU-
        NAME OF AIRPORT - PARADISE                                                                 MENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          SPANGLE,WA                     LOCAL
        TYPE OF ACCIDENT
          ENGINE FAILURE OR MALFUNCTION                      PHASE OF OPERATION
          HARD LANDING                                         LANDING  TRAFFIC PATTERN-CIRCLING
                                                               LANDING  LEVEL OFF/TOUCHDOWN
        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  CARBURETOR
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- CARB NEEDLE VALVE SEAT NOT SAFETIED,BACKED OUT.


3-1212  6/20/79    WENATCHEE,WA        CESSNA 337         CR-  0  0  1  NONCOMMERCIAL
        TIME - 1150                    N72377             PX-  0  0  0  PLEASURE/PERSONAL TRANSP  PRIVATE, AGE 55, 90 TOTAL
                                       DAMAGE-SUBSTANTIAL                                          HOURS, 36 IN TYPE, NOT
        NAME OF AIRPORT - PANGBORN                                                                 INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          WENATCHEE,WA                   WENATCHEE,WA
        TYPE OF ACCIDENT
          HARD LANDING                                       PHASE OF OPERATION
          GEAR COLLAPSED                                       LANDING  LEVEL OFF/TOUCHDOWN
                                                               LANDING  LEVEL OFF/TOUCHDOWN
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
```

BRIEFS OF ACCIDENTS

```
FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                                  F  S M/N     PURPOSE

3-1210  7/13/79     PUYALLUP,WA             GLOBE SWIFT          CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 52, 1560
        TIME - 1230                         N80918               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 951 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION
          AUBURN,WA                         PUYALLUP,WA
        TYPE OF ACCIDENT                                                  PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                     IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  FENCE,FENCEPOSTS                                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1316  5/30/79     AMHERSTDALE,WV          HUGHES 369D          CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 42, 2587
        TIME - 1100                         N8674F               PX-  0  0  2  CORP/EXEC                       TOTAL HOURS, 1011 IN
                                            DAMAGE-SUBSTANTIAL                                                 TYPE, INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION
          AMHERSTDALE,WV                    GILBERT,KY
        TYPE OF ACCIDENT                                                  PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                     IN FLIGHT  NORMAL CRUISE
          HARD LANDING                                                      LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          POWERPLANT - TURBINE ASSEMBLY  BEARING,SHAFT
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1315  7/14/79     MOUNDSVILLE,WV          CESSNA 150           CR-  0  0  1  INSTRUCTIONAL                   STUDENT, AGE 44, 43 TOTAL
        TIME - 2125                         N16140               PX-  0  0  0  SOLO                            HOURS, ALL IN TYPE, NOT
                                            DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        NAME OF AIRPORT - MARSHALL COUNTY
        DEPARTURE POINT                   INTENDED DESTINATION
          MOUNDSVILLE,WV                    LOCAL
        TYPE OF ACCIDENT                                                  PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                          TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
        REMARKS- PLT STATED AFT ENTERING GRASS AREA ON LNDG HE RE-APPLIED PWR IN AN ATTEMPT TO RETURN ACFT TO RWY.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1477	4/7/79 TIME - 1015	APPLETON,WI	CESSNA 150M N93650 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 24, 825 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  APPLETON,WI
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  NOSE OVER/DOWN
PHASE OF OPERATION
  IN FLIGHT: NORMAL CRUISE
  LANDING: LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- 2 TEASPOONS OF LIQUID & PARTICLES RESEMBLING WATER & RUST FOUND IN CARB BOWL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1325	5/17/79 TIME - 1430	DODGEVILLE,WI	PIPER PA-32 N6256J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 622 TOTAL HOURS, 370 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DODGEVILLE MUNI
DEPARTURE POINT
  JACKSON,MI
INTENDED DESTINATION
  DODGEVILLE,WI
TYPE OF ACCIDENT
  COLLIDED WITH: DIRT BANK
PHASE OF OPERATION
  LANDING: ROLL

PROBABLE CAUSE(S)
  MISCELLANEOUS - UNDETERMINED
REMARKS- UNABLE TO DETERMINE BRAKE SYSTEM STATUS AT TIME OF ACCIDENT.

```
FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                              PILOT DATA
                                                             F  S M/N       PURPOSE

3-1218  5/20/79    MIDDLETON,WI         PICCARD AX-6       CR-  0  1  0  NONCOMMERCIAL                COMMERCIAL, AGE 39, 597
        TIME - 0739                     N870P              PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 27 IN TYPE,
                                        DAMAGE-NONE                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         MT VERNON,WI                   MIDDLETON,WI
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
         MISCELLANEOUS                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    WIND DIRECTION-DEGREES
          NONE                                                      230
        WIND VELOCITY-KNOTS                                        TYPE OF WEATHER CONDITIONS
          10                                                        VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- PILOT FELL OUT OF BASKET DRAGGING ALONG GROUND


3-1284  6/30/79  NR.OSCEOLA,WI          CESSNA 182B        CR-  0  0  1  MISCELLANEOUS                COMMERCIAL, AGE 65, 2688
        TIME - 2135                     N7228E             PX-  0  0  0  PARAJUMP-SPORT               TOTAL HOURS, 2500 IN
                                        DAMAGE-SUBSTANTIAL                                            TYPE, NOT INSTRUMENT
                                                                                                      RATED.
        NAME OF AIRPORT - ST. CROIX VALLEY
        DEPARTURE POINT              INTENDED DESTINATION
         OSCEOLA,WI                     LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  AUTOMOBILE                                  LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
        REMARKS- COLLIDED WITH TRUCK PARKED ON APPROACH END OF RUNWAY.
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FILE    DATE        LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                       PILOT DATA
                                                                F  S M/N       PURPOSE

3-1471  7/30/79    GREEN BAY,WI        CESSNA 182             CR-  0  0  1   NONCOMMERCIAL                STUDENT, AGE 58, 413
        TIME - 0928                    N3338                  PX-  0  0  1   PLEASURE/PERSONAL TRANSP     TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - AUSTIN STRAUBEL
        DEPARTURE POINT              INTENDED DESTINATION
          HESSEL,MI                    OSHKOSH,WI
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                         IN FLIGHT  DESCENDING
          COLLIDED WITH  WIRES/POLES                            LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
          MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
        FACTOR(S)
          WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SKY CONDITION                                         CEILING AT ACCIDENT SITE
          OBSCURATION                                           1500
        VISIBILITY AT ACCIDENT SITE                           PRECIPITATION AT ACCIDENT SITE
          1 MILE OR LESS                                        RAIN, THUNDERSTORM
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE               TEMPERATURE-F
          NONE                                                  65
        WIND DIRECTION-DEGREES                                WIND VELOCITY-KNOTS
          150                                                   7
        TYPE OF WEATHER CONDITIONS                            TYPE OF FLIGHT PLAN
          IFR                                                   NONE
        REMARKS- COLLIDED W 2 PWR LINES & STREET LGT.


3-1427  5/4/79   NR.POINT OF ROCKS,WY  STINSON 108            CR-  0  0  1   NONCOMMERCIAL                PRIVATE, AGE 38, 143
        TIME - 0630                    N97419                 PX-  0  0  0   BUSINESS                     TOTAL HOURS, 126 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          ROCK SPRINGS,WY              POINT OF ROCKS,WY
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          HARD LANDING                                          LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- DIRT ROAD.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1430	5/8/79 TIME - 1227	ROCK SPRINGS,WY	CESSNA 340 N340MF DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 58, 3300 TOTAL HOURS, 1205 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ROCK SPRINGS
DEPARTURE POINT — GREAT FALLS,MT
INTENDED DESTINATION — ROCK SPRINGS,WY
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING MISSED APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - SNOW

SKY CONDITION
  OBSCURATION
VISIBILITY AT ACCIDENT SITE
  1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  BLOWING SNOW
TEMPERATURE-F
  33
WIND VELOCITY-KNOTS
  10
TYPE OF FLIGHT PLAN
  IFR
CEILING AT ACCIDENT SITE
  1000
PRECIPITATION AT ACCIDENT SITE
  SNOW
RELATIVE BEARING OF WIND
  HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES
  230
TYPE OF WEATHER CONDITIONS
  IFR
REMARKS- VOR APPROACH RWY25.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1426	5/21/79 TIME - 1648	RAWLINS,WY	CESSNA 172F N92407 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 38, 1430 TOTAL HOURS, 42 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RAWLINGS MUNI
DEPARTURE POINT — SIOUX CITY,IA
INTENDED DESTINATION — RAWLINS,WY
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE | DATE | LOCATION | AIRCRAFT DATA | INJURIES F S M/N | FLIGHT PURPOSE | PILOT DATA

3-1428 5/31/79 ROCK SPRINGS,WY — PIPER PA-24, N8436P, DAMAGE-SUBSTANTIAL — CR- 0 0 1, PX- 0 0 3 — NONCOMMERCIAL BUSINESS — PRIVATE, AGE 52, 2080 TOTAL HOURS, 307 IN TYPE, NOT INSTRUMENT RATED.
TIME - 1215
NAME OF AIRPORT - ROCK SPRINGS
DEPARTURE POINT: ROCK SPRINGS,WY
INTENDED DESTINATION: CHICAGO,ILL
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
GEAR COLLAPSED
PHASE OF OPERATION
TAKEOFF RUN
LANDING LEVEL OFF/TOUCHDOWN
PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RUNWAY CLOSED
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- HIT BARRIERS ON CLOSED RWY.

3-1432 6/15/79 KINNEAR,WY — BOEING A75-N1, N66053, DAMAGE-SUBSTANTIAL — CR- 0 0 1, PX- 0 0 0 — COMMERCIAL ASSOC CROP CTL ACTIVITY — COMMERCIAL, AGE 33, 816 TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.
TIME - 0730
NAME OF AIRPORT - LOCAL STRIP
DEPARTURE POINT: KINNEAR,WY
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL
PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

3-1431 7/1/79 LABARGE,WY — HUGHES 369D, N8667F, DAMAGE-SUBSTANTIAL — CR- 0 0 1, PX- 0 0 1 — NONCOMMERCIAL AERIAL SURVEY — COMMERCIAL, AGE 31, 2374 TOTAL HOURS, 212 IN TYPE, INSTRUMENT RATED.
TIME - 0720
DEPARTURE POINT: BIG PINEY,WY
INTENDED DESTINATION: KEMMERER,WY
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
EVASIVE MANEUVER
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING
PROBABLE CAUSE(S)
POWERPLANT - LUBRICATING SYSTEM LINES,HOSES,FITTING
MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

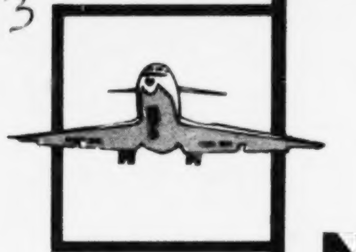
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1429	7/11/79 TIME - 1900	NR.CODY,WY	CESSNA 180 N9083M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 38, 700 TOTAL HOURS, 74 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BOZEMAN,MT
INTENDED DESTINATION
CODY,WY
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
FACTOR(S)
WEATHER - WIND SHEAR
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

80-3



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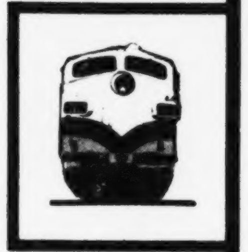

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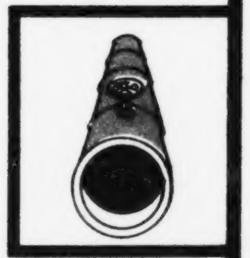

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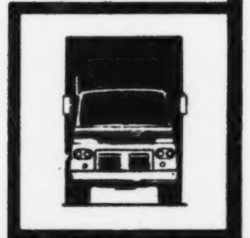

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15. Supplementary Notes		

16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 301 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

File Numbers: 3-1501 thru 3-1800
5-0016

17. Key Words (Aviation accident, Statistical Analysis) (Civil aviation, Aviation accidents), probable cause, pilot certificate, injuries, type of accident, phase of operation, kind of flying, aircraft damage, conditions of light.	18. Distribution Statement This document is available to the public through the National Technical Information Service, Springfield, VA 22151

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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident
An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury
Any injury which results in death within 7 days of the accident.

Serious Injury
Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage
1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

EXPLANATORY NOTES

KIND OF FLYING

2. Noncommerical Flying
Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

    Pleasure
    Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

    Business
    The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

    Corporate/Executive Operations
    The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 - 2,250 kilograms	(0 - 4,960 pounds)
2,251 - 5,700 kilograms	(4,961 - 12,565 pounds)
5,701 - 27,000 kilograms	(12,566 - 59,525 pounds)
27,001 - 272,000 kilograms	(59,526 - 599,650 pounds)
272,001 - kilograms and greater	(599,651 pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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CORRECTIONS TO PREVIOUSLY RELEASED BRIEFS

CORRECTION TO BRIEFS OF ACCIDENTS

U.S. Civil Aviation

Accidents Occurring in 1979

Near Flatwoods, Louisiana, 4/27/79, N250UA
General Aviation
File No. 3-0378

Accident occurred 4/27/78. Delete from Issue.

Accidents Occuring in 1978

File No. 3-1555 Missing aircraft located 4/15/79. The attached Brief is a report of the accident.

Carrabasset, Maine, 3/19/78, N5789K
General Aviation
File No. 3-1869

The Brief of Accident is substantially changed. The attached Brief is a corrected report of the accident.

Hudson, New York, 9/10/78, N8956T
General Aviation
File No. 3-3339

The Brief of Accident is substantially changed. The attached Brief is a corrected report of the accident.

File No. 3-3692 Missing aircraft located 7/15/79. The attached Brief is a report of the accident.

Accidents Occurring in 1977

File No. 3-3955	Missing aircraft located 3/4/79. The attached Brief is a report of the accident.
File No. 3-4149	Missing aircraft located 5/8/79. The attached Brief is a report of the accident.

Accidents Occurring in 1969

File No. 3-3652	Missing aircraft located 9/18/79. The attached Brief is a report of the accident.

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3652	11/2/69 TIME - UNK/NR	NR.LESTER,WASH	CESSNA 140 N2050N DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 24, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ELLENSBURG,WASH
INTENDED DESTINATION
TACOMA,WASH
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
UNKNOWN/NOT REPORTED

REMARKS- MOUNTAIN PASSES ON EAST SLOPES OBSCURED.RECOVERY DATE 9/18/79.

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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES      FLIGHT                           PILOT DATA
                                                               F  S M/N     PURPOSE

3-3955  12/11/77 NR.WATSONVILLE.CA     PIPER PA-28         CR-  1  0  0  NONCOMMERCIAL             STUDENT, AGE 30, 40 TOTAL
        TIME - UNK/NR                  N475FL              PX-  0  0  0  PRACTICE                  HOURS, UNK/NR IN TYPE,
                                         DAMAGE-DESTROYED                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WATSONVILLE MUNI
        DEPARTURE POINT              INTENDED DESTINATION
         WATSONVILLE.CA                LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  CLIMB TO CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - FOG
        MISSING AIRCRAFT - LATER RECOVERED

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          OVERCAST                                                 800
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          ZERO                                                     RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TEMPERATURE-F
          FOG                                                      53
        TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
          IFR                                                      NONE
        FIRE AFTER IMPACT
        REMARKS- ACFT LOST AFTER DEPARTURE FROM WATSONVILLE ARPT.ACFT FOUND 3/4/79.


3-4149  10/5/77  NR.UMPQUA.OR          CESSNA 182J         CR-  2  0  0  NONCOMMERCIAL             COMMERCIAL, AGE 35, 300
        TIME - UNK/NR                  N3383F              PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, UNK/NR IN
                                         DAMAGE-DESTROYED                                          TYPE, INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          TWIN FALLS.ID                NORTH BEND.OR
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        MISSING AIRCRAFT - LATER RECOVERED
        FIRE AFTER IMPACT
        REMARKS- RECOVERY DATE 5/8/79. HIT MOUNTAIN SLOPE.
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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1555	5/22/78 TIME - UNK/NR	NR.UPLAND,CA	PIPER PA-18 N1256A DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 254 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CABLE
DEPARTURE POINT
MESA,AZ
INTENDED DESTINATION
UPLAND,CA
LAST ENROUTE STOP
CHIRIACO SUMMIT,CA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - LOW CEILING
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
1800
VISIBILITY AT ACCIDENT SITE
2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
61
WIND DIRECTION-DEGREES
170
WIND VELOCITY-KNOTS
5
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- HIT MTN 2900FT MSL.RECOVERY DATE 4/15/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1869	3/19/78 TIME - 1727	CARRABASSETT,ME	BEECH S35 N5789K DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 38, 700 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CARRABASSETT
DEPARTURE POINT
CARRABASSETT,ME
INTENDED DESTINATION
POUGHKEEPSIE,NY
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
PROP/ENGINE VIBRATION
FIRE AFTER IMPACT
REMARKS- WITNESSES REPORTED ACFT APPEARED UNSTABLE DRG CLIMB OUT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3339	9/10/78 TIME - 1715	HUDSON,NY	CESSNA 182C N8956T DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 49, 9493 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - COLUMBIA CO
DEPARTURE POINT — POUGHKEEPSIE,NY
INTENDED DESTINATION — HUDSON,NY
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE PROPELLER
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
POWERPLANT - PROPELLER AND ACCESSORIES HUBS
MISCELLANEOUS ACTS,CONDITIONS - OVER TORQUED
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
TERRAIN - HIGH VEGETATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- CLB AFTR STALL RCVRY.PROP BLADE ACTUATING LINK P/N A1935 ELONGATED.FAILED IN FATIGUE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3692	11/29/78 TIME - 2000	CIMARRON,NM	PIPER PA-28R N1245T DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 207 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — PUEBLO,CO
INTENDED DESTINATION — ALBUQUERQUE,NM
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - BECAME LOST/DISORIENTED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
MISSING AIRCRAFT - LATER RECOVERED
REMARKS- HIT MTN RIDGE APRX 13MI W OF COURSE.NIGHT X-COUNTRY NOT AUTH WITHOUT INST RATING.RECOVERED 7/15/79

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BRIEFS OF ACCIDENTS

INITIAL RELEASE

PREVIOUS YEAR(S)

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
A-0002	1/13/77 TIME - 0636	ANCHORAGE,AK	DOUGLAS DC-8 JA8054 DAMAGE-DESTROYED	CR- 5 0 0 PX- 0 0 0	NS/CTR REVENUE CARGO INTL	CERTIFICATE OTHER, AGE 53, 23252 TOTAL HOURS, 4040 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ANCHORAGE INTL
OPERATOR - JAPAN AIRLINES
DEPARTURE POINT
MOSES LAKE,WA
INTENDED DESTINATION
TOKYO,JAPAN
LAST ENROUTE STOP
ANCHORAGE,AK
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
PILOT IN COMMAND - INCAPACITATION
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
FACTOR(S)
COPILOT - EXERCISED POOR JUDGMENT
PERSONNEL - FLIGHT ENGINEER OTHER
FIRE AFTER IMPACT
REMARKS- FAILURE OF OTHER FLIGHTCREW MEMBERS TO PREVENT CAPTAIN FROM ATTEMPTING THE FLIGHT,210MG%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0018	12/23/77 TIME - 1345	HEMPSTEAD,MD	CESSNA 182 C-FUFF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 262 TOTAL HOURS, 78 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BURLINGTON,VT
INTENDED DESTINATION
WESTMINSTER,MD
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
TERRAIN - WET,SOFT GROUND
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
F-0019	4/20/77 TIME - 1030	NR.LEWISTON,MT	BEECH 23 C-GMUK DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 140 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  CALGARY,CANADA
INTENDED DESTINATION
  BILLINGS,MT
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - SNOW
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  BLOWING SNOW
TYPE OF FLIGHT PLAN
  VFR
FIRE AFTER IMPACT
REMARKS- RECOVERY DATE 7/14/78.

CEILING AT ACCIDENT SITE
  800
PRECIPITATION AT ACCIDENT SITE
  SNOW
TYPE OF WEATHER CONDITIONS
  IFR

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0026	3/27/77 TIME - 1706	TENERIFE.CANR	BOEING 747 N736PA DAMAGE-DESTROYED	CR- 9 3 4 PX-317 31 32 OT-248 0 0	NS/CIR REVENUE PASSG INTL	AIRLINE TRANSPORT, AGE 56, 21043 TOTAL HOURS, 564 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LOS RODEOS
OPERATOR - PAN AMERICAN WORLD AIRWAYS.INC.
DEPARTURE POINT
  LOS ANGELES.CA.UNST
INTENDED DESTINATION
  LAS PALMAS.CANR
LAST ENROUTE STOP
  NEW YORK.NY.UNST
TYPE OF ACCIDENT
  COLLISION WITH AIRCRAFT BOTH ON GROUND
  FIRE OR EXPLOSION ON GROUND
PHASE OF OPERATION
  TAXI TO TAKEOFF
  TAXI TO TAKEOFF

PROBABLE CAUSE(S)
  PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - FOG

SKY CONDITION
  OBSCURATION
VISIBILITY AT ACCIDENT SITE
  1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  IFR
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  DRIZZLE
TEMPERATURE-F
  57
TYPE OF FLIGHT PLAN
  IFR
FIRE AFTER IMPACT
REMARKS- INVESTIGATED & REPORTED BY THE GOVT OF SPAIN.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0026	3/27/77 TIME - 1706	TENERIFE,CANR	BOEING 747 PH-BUP DAMAGE-DESTROYED	CR- 14 0 0 PX-234 0 0 OT-326 34 36	NS/CTR REVENUE PASSG INTL	AIRLINE TRANSPORT, AGE 50, 11700 TOTAL HOURS, 1545 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LOS RODEOS
OPERATOR - KLM
DEPARTURE POINT
AMSTERDAM,NETH
INTENDED DESTINATION
LAS PALMAS,CANR
TYPE OF ACCIDENT
COLLISION WITH AIRCRAFT BOTH ON GROUND
FIRE OR EXPLOSION ON GROUND
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
PILOT IN COMMAND - MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS
WEATHER - LOW CEILING
WEATHER - FOG

SKY CONDITION
OBSCURATION
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
DRIZZLE
TEMPERATURE-F
57
TYPE OF FLIGHT PLAN
IFR
FIRE AFTER IMPACT
REMARKS- TOOK OFF WITHOUT CLEARANCE.DID NOT INTERRUPT TAKE OFF ON LEARNING OTHER ACFT STILL ON RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4205	9/8/77 TIME - 2020	SANFORD,NC	LEARJET 25B N999HG DAMAGE-DESTROYED	CR- 2 0 0 PX- 3 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 40, 9364 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SANFORD-LEE CNTY
DEPARTURE POINT
SANFORD,NC
INTENDED DESTINATION
FLINT,MI
TYPE OF ACCIDENT
FIRE OR EXPLOSION IN FLIGHT
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN
FIRE AFTER IMPACT
REMARKS- LOW ORDER EXPLOSIONS,AFT FUSELAGE,BATTERIES GASES,FUEL LEAKAGE,OR BOTH,COULD HAVE BEEN PRESENT.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4209	1/14/77 TIME - 2058	MCKENNA,WA	BEECH C35 N859M DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 224 TOTAL HOURS, 123 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
TACOMA,WA
INTENDED DESTINATION
RENO,NA
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
PILOT IN COMMAND - SPATIAL DISORIENTATION
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
SYSTEMS - ANTI-ICING,DE-ICING SYSTEMS PITOT ANTI-ICE SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - ERRATIC
FACTOR(S)
WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL. BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
BROKEN
CEILING AT ACCIDENT SITE
2800
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
44
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
IFR
REMARKS- PITOT HEAT SWITCH DID NOT HAVE POSITIVE DETENT.PITOT HEAT DID NOT APPEAR TO FUNCTION PREVIOUS FLT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4245	7/1/77 TIME - 1346	PUT-IN-BAY,OH	FORD 4-AT-B N7584 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 2	COMMERCIAL SCHED PASSG S'	COMMERCIAL, AGE 40, 3576 TOTAL HOURS, 879 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PUT-IN-BAY
DEPARTURE POINT — PUT-IN-BAY,OH
INTENDED DESTINATION — PORT CLINTON,OH
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL SELECTOR POSITIONED BETWEEN TANKS
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
WEATHER - UNFAVORABLE WIND CONDITIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES — 240
WIND VELOCITY-KNOTS — 35
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WINDS GUSTING 40K

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4247	8/4/77 TIME - 1157	WAUSAU,WI	AERO COMDR 720 N688R DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 197 TOTAL HOURS, 146 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WAUKESHA MUNI
DEPARTURE POINT — RHINELANDER,WI
INTENDED DESTINATION — WAUSAU,WI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL SPIN
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING GO-AROUND

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- IMPROPER SINGLE-ENGINE PROCEDURES.

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FILE    DATE          LOCATION             AIRCRAFT DATA          INJURIES     FLIGHT                         PILOT DATA
                                                                   F  S M/N    PURPOSE

3-4253  11/17/77   NEW SALEM,IN          BEECH P35             CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 34, 457
        TIME - 1109                      N9958Y                PX-  4  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 202 IN TYPE,
                                          DAMAGE-DESTROYED                                                INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          CINCINNATI,OH                  KANSAS CITY,MO
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                 IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
          PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
          WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          OVERCAST                                                    500
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          1 MILE OR LESS                                              SNOW SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TYPE OF WEATHER CONDITIONS
          NONE                                                        IFR
        TYPE OF FLIGHT PLAN
          IFR
        REMARKS- MDT TO SVR ICGICIP FCST FRZLVL TO 16000FT.NOT ANTI/DE-ICER EQPTD.GENERAL DISINTEGRATION.

3-4283  7/8/77       NASHVILLE,TN         CESSNA 421            CR-  0  1  0  NONCOMMERCIAL               COMMERCIAL, AGE 50, 5571
        TIME - 0802                      N1504G                PX-  0  0  0  BUSINESS                    TOTAL HOURS, UNK/NR IN
                                          DAMAGE-DESTROYED                                                TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - NASHVILLE METRO
        DEPARTURE POINT                INTENDED DESTINATION
          MCMINNVILLE,TN                 NASHVILLE,TN
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          FIRE OR EXPLOSION  IN FLIGHT                                IN FLIGHT  DESCENDING
          COLLISION WITH GROUND/WATER  CONTROLLED                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN
          MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT
          MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
          MISCELLANEOUS - SMOKE IN COCKPIT
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                  SMOKE IN COCKPIT
                                  SUSPECTED OR KNOWN AIRCRAFT DAMAGE
        FIRE AFTER IMPACT
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BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-4284 9/23/77    WESTHAMPTON,NY        MAHLER-WPR PJ-260   CR-  1  0  0  MISCELLANEOUS                 COMMERCIAL, AGE 43, 3630
       TIME - 1211                      N4030P              PX-  0  0  0  AIR SHOW/RACING               TOTAL HOURS, UNK/NR IN
                                        DAMAGE-DESTROYED                                                TYPE, INSTRUMENT RATED.
       NAME OF AIRPORT - SUFFOLK COUNTY
       DEPARTURE POINT              INTENDED DESTINATION
         WESTHAMPTON,NY               LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         AIRFRAME FAILURE   IN FLIGHT                                IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
       FIRE AFTER IMPACT
       REMARKS- R STABILIZER BRACE STRUT BROKE. PILOT REMOVED L STRUT. ACROBATICS CONTINUED.AIRCRAFT TAIL FAILED.


3-3022 10/17/78   LANCASTER,CA          LEAR JET 24         CR-  1  1  0  INSTRUCTIONAL                 ATP,FLIGHT INSTR., AGE
       TIME - 0913                      N123RF              PX-  0  0  0  DUAL                          36, 8390 TOTAL HOURS, 379
                                        DAMAGE-DESTROYED                                                IN TYPE, INSTRUMENT
                                                                                                        RATED.
       NAME OF AIRPORT - GEN.WM.J.FOX
       DEPARTURE POINT              INTENDED DESTINATION
         SANTA ANA,CA                 LANCASTER,CA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                    TAKEOFF  RUN
         COLLISION WITH GROUND/WATER  CONTROLLED                     TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING


3-3886 12/6/78    PALM BEACH,FL         BEECH 18            CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 58, 10000
       TIME - 1630                      N189R               PX-  0  0  0  BUSINESS                      TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - PALM BEACH INTL
       DEPARTURE POINT              INTENDED DESTINATION
         PALM BEACH,FL                LANTANA,FL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         GEAR COLLAPSED                                              TAKEOFF  RUN

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                               F  S M/N     PURPOSE

3-3919  12/28/78    AGUADILLA,PR        CESSNA A185F         CR-  0  0  1  NONCOMMERCIAL                     COMMERCIAL, AGE 32, 1508
        TIME - 1445                     N9373H               PX-  0  0  1  PLEASURE/PERSONAL TRANSP          TOTAL HOURS, 2 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                    INSTRUMENT RATED.

        NAME OF AIRPORT - BORINQUEN
        DEPARTURE POINT               INTENDED DESTINATION
          YAUCO,PR                      AGUADILLA,PR
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          CLEAR                                                       UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                        NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     RELATIVE BEARING OF WIND
          NONE                                                        LEFT CROSS WIND 248-292 DEGREES
        WIND DIRECTION-DEGREES                                      WIND VELOCITY-KNOTS
          360                                                         15
        TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
          VFR                                                         NONE
        REMARKS- LEFT CROSSWIND 15 KNOTS GUSTING 20 KNOTS.

3-4164  10/1/78     ALBUQUERQUE,NM      STEEN SKYBLT         CR-  1  0  0  MISCELLANEOUS                     PRIVATE, AGE 51, 1000
        TIME - 1103                     N88PM                PX-  0  0  0  AIR SHOW/RACING                   TOTAL HOURS, 250 IN TYPE,
                                        DAMAGE-DESTROYED                                                      NOT INSTRUMENT RATED.

        NAME OF AIRPORT - ALAMEDA
        DEPARTURE POINT               INTENDED DESTINATION
          ALBUQUERQUE,NM                LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  ACROBATICS
          COLLISION WITH GROUND/WATER  CONTROLLED                     IN FLIGHT  ACROBATICS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
          PILOT IN COMMAND - MISJUDGED ALTITUDE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- FAA GADO AUTHORIZED 500 FT RESTRICTION RATHER THAN 1000 FT.
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U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 6
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	24	34	41	204			303
COPILOT	2			5			7
DUAL STUDENT		2	2	16			20
CHECK PILOT		1		2			3
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT							
EXTRA CREW	1	1		2			4
PASSENGERS	25	18	32	135			210
TOTAL	52	56	75	364		ABOARD	547
OTHER AIRCRAFT							
OTHER GROUND		1	6	3			10
GRAND TOTAL	52	57	81	367			557

INVOLVES 301 TOTAL ACCIDENTS
INVOLVES 25 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 6
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 301 TOTAL ACCIDENTS

INVOLVES 25 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT				1		1	1		1
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL		1	1	2		2	2	1	3
BECAME LOST/DISORIENTED	1		1	3		3	4		4
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	5		5	5		5	10		10
DELAYED ACTION IN ABORTING TAKEOFF				9		9	9		9
DELAYED IN INITIATING GO-AROUND				9		9	9		9
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	1		1	4	1	5	5	1	6
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	1		1	1		1	2		2
FAILED TO EXTEND LANDING GEAR				6		6	6		6
FAILED TO SEE AND AVOID OTHER AIRCRAFT				4		4	4		4
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				13	1	14	13	1	14
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	2		2	29		29	31		31
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE				1		1	1		1
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	1		1	2		2	3		3
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	1	1	2	4	1	5	5	2	7
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				10		10	10		10
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				13		13	13		13
IMPROPER OPERATION OF FLIGHT CONTROLS				5	1	6	5	1	6
PREMATURE LIFT OFF	1		1	5	1	6	6	1	7
IMPROPER LEVEL OFF				12		12	12		12
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	3		3	10	2	12	13	2	15
IMPROPER COMPENSATION FOR WIND CONDITIONS				4		4	4		4
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	3	1	4	23	4	27	26	5	31
INADEQUATE SUPERVISION OF FLIGHT				6		6	6		6
LACK OF FAMILIARITY WITH AIRCRAFT		1	1	3	7	10	3	8	11
MISMANAGEMENT OF FUEL				22		22	22		22
EXERCISED POOR JUDGMENT				3		3	3		3
SELECTED UNSUITABLE TERRAIN				15	2	17	15	2	17
IMPROPER STARTING PROCEDURES				1		1	1		1
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				3		3	3		3
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				2		2	2		2
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				4		4	4		4
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	2		2	1		1	3		3
SPONTANEOUS-IMPROPER ACTION				1		1	1		1
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				4		4	4		4
MISJUDGED DISTANCE AND SPEED	1		1	14		14	15		15
MISJUDGED DISTANCE AND ALTITUDE				6		6	6		6
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
MISJUDGED SPEED				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE				6		6	6		6
MISJUDGED ALTITUDE	1		1	2		2	3		3
MISJUDGED CLEARANCE	2		2	7		7	9		9
IMPROPER RECOVERY FROM BOUNCED LANDING				7		7	7		7
PHYSICAL IMPAIRMENT	1	2	3	1	1	2	2	3	5
SPATIAL DISORIENTATION	5		5	1		1	6		6
MISUSED OR FAILED TO USE FLAPS				2		2	2		2
FAILED TO MAINTAIN DIRECTIONAL CONTROL				15		15	15		15
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				5	1	6	5	1	6
FAILED TO ABORT TAKEOFF				4	1	5	4	1	5
FAILED TO INITIATE GO-AROUND				9		9	9		9
SUBTOTAL	31	6	37	321	23	344	352	29	381
COPILOT									
LACK OF FAMILIARITY WITH AIRCRAFT					1	1		1	1
SUBTOTAL					1	1		1	1
DUAL STUDENT									
FAILED TO SEE OTHER AIRCRAFT				1		1	1		1

FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS (C

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS									
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
LACK OF FAMILIARITY WITH AIRCRAFT				1		1	1		1
MISJUDGED DISTANCE AND SPEED					1	1		1	1
MISJUDGED DISTANCE AND ALTITUDE				2		2	2		2
MISJUDGED ALTITUDE				1		1	1		1
FAILED TO INITIATE GO-AROUND				1		1	1		1
				2		2	2		2
SUBTOTAL				9	1	10	9	1	10
CHECK PILOT									
INADEQUATE SUPERVISION OF FLIGHT					1	1		1	1
SUBTOTAL					1	1		1	1
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
INADEQUATE TRAINING OF STUDENT					2	2		2	2
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				1		1	1		1
IMPROPER MAINTENANCE(OWNER PERSONNEL)	1		1				1		1
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)				1		1	1		1
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)	1		1	2		2	3		3
INADEQUATE MAINTENANCE AND INSPECTION		1	1	6	2	8	6	3	9
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE FLIGHT TRAINING-PROCEDURES					1	1		1	1
DEFICIENCY, COMPANY MAINTAINED EQMT, SERV, REGULATIONS				2		2	2		2
WEATHER PERSONNEL									
INADEQUATE/INCORRECT WEATHER BRIEFING				1		1	1		1
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
OTHER				2		2	2		2
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT				3		3	3		3
PASSENGER	1		1	1		1	2		2
DRIVER OF VEHICLE				3		3	3		3
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	3	1	4	22	5	27	25	6	31
** AIRFRAME **									
WINGS									
FUSELAGE									
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				4		4	4		4
NORMAL RETRACTION/EXTENSION ASSEMBLY				1	1	2	1	1	2
TAILWHEEL ASSEMBLIES				1		1	1		1
WHEELS, TIRES, AXLES				1		1	1		1
BRAKING SYSTEM (NORMAL)				2		2	2		2
FLIGHT CONTROL SURFACES									
ELEVATOR, ASSEMBLY ATTACHMENTS					1	1		1	1
SUBTOTAL				9	2	11	9	2	11
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
MASTER AND CONNECTING RODS				1		1	1		1
CYLINDER ASSEMBLY				2		2	2		2
PISTON, PISTON RINGS				1		1	1		1
VALVE ASSEMBLIES				6		6	6		6
BLOWER, IMPELLER ASSEMBLY				1		1	1		1
OTHER				1		1	1		1
IGNITION SYSTEM									
SPARK PLUG				1		1	1		1
FUEL SYSTEM									
LINES AND FITTINGS				1		1	1		1

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
SELECTOR VALVES				1		1	1		1
CARBURETOR					1	1		1	1
VENTS, DRAINS, TANK CAPS				4		4	4		4
RAM AIR ASSEMBLY				1		1	1		1
LUBRICATING SYSTEM									
LINES, HOSES, FITTINGS	1		1				1		1
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
EXHAUST SYSTEM									
ENGINE ACCESSORIES									
ENGINE CONTROLS									
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					1	1		1	1
FUEL FLOW INDICATOR					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1	13		13	14		14
FOREIGN OBJECT DAMAGE				1		1	1		1
OTHER				1		1	1		1
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
BEARING, SHAFT				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
OTHER				1		1	1		1
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	2		2	38	3	41	40	3	43
** SYSTEMS **									
ELECTRICAL SYSTEM									
BATTERIES				1	1	2	1	1	2
GENERATORS/ALTERNATORS					1	1		1	1
PROTECTIVE DEVICES					1	1		1	1
HYDRAULIC SYSTEM									
HYDRAULIC PUMPS					1	1		1	1
SEALS				1		1	1		1
FLIGHT CONTROL SYSTEMS									
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM				2		2	2		2
RUDDER AND RUDDER TAB CONTROL SYSTEM				1		1	1		1
WING FLAP CONTROL SYSTEM (MECHANICAL)				1		1	1		1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
POWERPLANT					1	1		1	1
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
VACUUM SYSTEM				1		1	1		1
SUBTOTAL				7	5	12	7	5	12
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR HEAD ASSEMBLIES				1		1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
CLUTCH ASSEMBLY				1		1	1		1
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL				2		2	2		2

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
WET RUNWAY				1	4	5	1	4	5
SNOW WINDROWS					2	2		2	2
UNMARKED OBSTRUCTIONS					2	2		2	2
SOFT SHOULDERS (RUNWAY)					1	1		1	1
GLASSY WATER					1	1		1	1
HIGH VEGETATION				1	3	4	1	3	4
POORLY MAINTAINED RUNWAY SURFACE					3	3		3	3
SOFT RUNWAY					4	4		4	4
WET RAMP/TAXIWAY					1	1		1	1
OTHER				1	4	5	1	4	5
AIRWAYS FACILITIES									
SUBTOTAL				3	25	28	3	25	28
** WEATHER **									
LOW CEILING		6	6		2	2		8	8
RAIN		4	4		4	4		8	8
FOG		2	2		2	2		4	4
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC	1		1	1	2	3	2	2	4
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING					5	5		5	5
UNFAVORABLE WIND CONDITIONS				1	18	19	1	18	19
WIND SHEAR					1	1		1	1
SUDDEN WINDSHIFT				1	4	5	1	4	5
DOWNDRAFTS, UPDRAFTS					3	3		3	3
LOCAL WHIRLWIND				2	1	3	2	1	3
HIGH TEMPERATURE					1	1		1	1
HIGH DENSITY ALTITUDE		1	1		11	11		12	12
THUNDERSTORM ACTIVITY		5	5		4	4		9	9
OTHER					1	1		1	1
SUBTOTAL	1	18	19	5	59	64	6	77	83
** TERRAIN **									
WET, SOFT GROUND				1	9	10	1	9	10
HIGH VEGETATION				2	4	6	2	4	6
HIDDEN OBSTRUCTIONS				2		2	2		2
ROUGH/UNEVEN				3	13	16	3	13	16
HIGH OBSTRUCTIONS		4	4	3	19	22	3	23	26
LOOSE GRAVEL					1	1		1	1
SANDY				1	1	2	1	1	2
OTHER					4	4		4	4
SUBTOTAL		4	4	12	51	63	12	55	67
** MISCELLANEOUS **									
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				2		2	2		2
UNDETERMINED	3		3	1		1	4		4
VORTEX TURBULENCE					1	1		1	1
ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP				3		3	3		3
EVASIVE MANEUVER TO AVOID COLLISION					4	4		4	4
UNQUALIFIED PERSON OPERATED AIRCRAFT					1	1		1	1
DIRECT ENTRIES				1		1	1		1
SUBTOTAL	3		3	7	6	13	10	6	16
GRAND TOTAL	40	29	69	435	182	617	475	211	686
** MISCELLANEOUS ACTS, CONDITIONS **									
POOR WELD				1		1	1		1
LEAK/LEAKAGE	1		1	3		3	4		4
CIRCUIT BREAKER POPPED					1	1		1	1
LOW COMPRESSION		1	1	2		2	2	1	3
DOWNWIND					7	7		7	7
UNDER TORQUED	1		1				1		1
LOOSE, PART/FITTING					1	1		1	1
BENT				1		1	1		1
BINDING				2		2	2		2
DISCONNECTED				3		3	3		3
EXCESSIVE-WEAR/PLAY				1		1	1		1

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
ERRATIC					1	1		1	1
FRAYED				1		1	1		1
OBSTRUCTED				3		3	3		3
PRESSURE TOO LOW				1	1	2	1	1	2
STUCK				1	1	2	1	1	2
LOAD NOT JETTISONED					2	2		2	2
INTENTIONAL WHEELS UP				1		1	1		1
RAN OFF END OF RUNWAY		1	1		10	10		11	11
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				5		5	5		5
CHECKLIST-FAILED TO USE					2	2		2	2
CREW COORDINATION-POOR					1	1		1	1
IMPROPER EMERGENCY PROCEDURES				2		2	2		2
GUST LOCKS ENGAGED					1	1		1	1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				3		3	3		3
UNWARRANTED LOW FLYING	1		1	1		1	2		2
FAILED TO USE ALL AVAILABLE RUNWAY					1	1		1	1
LANDED AT WRONG AIRPORT					2	2		2	2
INATTENTIVE TO FUEL SUPPLY				2		2	2		2
FLEW INTO BLIND CANYON	1		1	1		1	2		2
POORLY PLANNED APPROACH					1	1		1	1
MISCALCULATED FUEL CONSUMPTION				3		3	3		3
JETTISONED LOAD					4	4		4	4
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT		1	1		1	1		2	2
ELECTRICAL FAILURE				1		1	1		1
ENGINE LOADED UP				1		1	1		1
FATIGUE FRACTURE				2		2	2		2
IMPROPER ALIGNMENT/ADJUSTMENT				2	1	3	2	1	3
SEPARATION IN FLIGHT		1	1					1	1
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					1	1		1	1
FIRE IN ENGINE		1	1		1	1		2	2
CORRODED/CORROSION				2		2	2		2
INCORRECT TRIM SETTING				1	1	2	1	1	2
PILOT FATIGUE					2	2		2	2
FUEL EXHAUSTION				24		24	24		24
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL				1	1	2	1	1	2
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	1	2	3				1	2	3
HYPOXIA	1		1				1		1
ICE-CARBURETOR				4		4	4		4
AIRFRAME ICE	1		1	1		1	2		2
ICE-WINDSHIELD					1	1		1	1
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	1		1		2	2	1	2	3
INTERFERENCE WITH FLIGHT CONTROLS				1		1	1		1
SUNGLARE					2	2		2	2
SIMULATED CONDITIONS					3	3		3	3
WATER IN FUEL				1	1	2	1	1	2
AIRCRAFT CAME TO REST IN WATER		2	2		1	1		3	3
MISSING				2		2	2		2
TOUCH AND GO LANDING		1	1		13	13		14	14
HYDROPLANING ON WET RUNWAY				1		1	1		1
OVERLOAD FAILURE				1	24	25	1	24	25
MATERIAL FAILURE				15	1	16	15	1	16
FUEL STARVATION				8		8	8		8
FUEL SELECTOR POSITIONED BETWEEN TANKS				1		1	1		1

DIRECT ENTRY CAUSES

MISC-ACCIDENTAL FIRING OF FLARE PISTOL IN FLT.

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1501	N4643	071379	NPOLLARD,AR	GRUMMAN	G-164A	NONE
3 1502	N4969Y	070879	NCASH,AR	PIPER	PA-25	NONE
3 1503	N12588	070479	NEWPORT,AR	CESSNA	172M	MINOR
3 1504	N737EY	052779	NCAMDEN,AR	CESSNA	172N	MINOR
3 1505	N21670	060379	MCCRORY,AR	CESSNA	188	NONE
3 1506	N7219	071979	NTICHNOR,AR	GRUMMAN	G-164A	NONE
3 1507	N9845P	071379	NHOLLY GROVE,AR	PIPER	PA-25	NONE
3 1508	N5643X	062379	LIGHT,AR	SNOW	S-2R	NONE
3 1509	N4563	080379	NAMAGON,AR	GRUMMAN	G-164B	NONE
3 1510	N79392	080179	CONWAY,AR	MOONEY	M20C	NONE
3 1511	N20886	082879	NFRESNO,AR	PIPER	J-3	NONE
3 1512	N2754E	082479	CROSSETT,AR	CESSNA	172N	NONE
3 1513	N2871K	080379	NOGDEN,UT	CESSNA	180K	MINOR
3 1514	N111W	033079	NDELTA,UT	GRUMMAN	G44A	NONE
3 1515	N8702C	051879	PANGUITCH,UT	PIPER	PA-22	MINOR
3 1516	N6589	072179	NRICHFIELD,UT	GRUMMAN	G-164A	NONE
3 1517	N2957L	052579	NBULLFROG,UT	MOONEY	M20C	MINOR
3 1518	N6553F	052179	GREEN RIVER,UT	PIPER	PA-28	NONE
3 1519	N2898G	051879	LOGAN,UT	BELLANCA	7ECA	NONE
3 1520	N5080U	022379	MONUMENT VLY,UT	CESSNA	U206	NONE
3 1521	N26175	070279	NCLEVELAND,UT	GRUM AMER	AA5A	SERIOUS
3 1522	N4128P	062379	ELBERT,CO	PIPER	PA-23	NONE
3 1523	N18660	072179	NBERTHOUD,CO	CESSNA	150	SERIOUS

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1524	N7591Z	062479	CENTER,CO	PIPER	PA-25	MINOR
3 1525	N6776V	062279	FALCON,CO	MOONEY	M20C	SERIOUS
3 1526	N2739H	051379	NCOLORADO SPR,CO	SCHWEIZER	1-35	NONE
3 1527	N9020T	081279	FREDERICK,CO	CESSNA	182	MINOR
3 1528	N8764F	071279	VINELAND,CO	HUGHES	269A	NONE
3 1529	N2421W	071079	COLORADO SPGS,CO	SCHWIEZER	SGS232	SERIOUS
3 1530	N6349Z	070779	NGENOA,CO	PIPER	PA-25	NONE
3 1531	N757JG	080179	ENGLEWOOD,CO	CESSNA	152	NONE
3 1532	N6495D	041879	FIRESTONE,CO	BEECH	C45H	NONE
3 1533	N77IVY	072379	NCASTLE ROCK,CO	GREAT LAKES	2T	NONE
3 1534	N9896R	012779	ASPEN,CO	BEECH	M35	NONE
3 1535	N46288	052479	AKRON,CO	CESSNA	172	NONE
3 1536	N45324	070779	NSEDALIA,CO	CESSNA	150	MINOR
3 1537	N65440	051279	BROOMFIELD,CO	CESSNA	152	NONE
3 1538	N13757	030979	NENGLEWOOD,CO	CESSNA	177	NONE
3 1539	N6445G	021579	AURORA,CO	CESSNA	150K	MINOR
3 1540	N7472F	061279	ECKLEY,CO	HUGHES	269C	MINOR
3 1541	N150RL	070179	ENGLEWOOD,CO	PIPER	PA-28R	NONE
3 1542	N39200	062479	LINDON,CO	CESSNA	172	MINOR
3 1543	N2167J	061879	NCENTER,CO	CESSNA	T188C	SERIOUS
3 1544	N761MV	030279	LIMON,CO	CESSNA	210	FATAL
3 1545	N25034	020779	PEARL HARBOR,HI	CESSNA	152	SERIOUS
3 1546	N707AC	051379	SAN JUAN,PR	CESSNA	172M	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1547	N95446	051679	EAST HAVEN,CT	PIPER	PA-28	MINOR
3 1548	N49009	062079	BRISTOL,CT	CESSNA	152	MINOR
3 1549	N4626B	071479	LAWTON,IA	CESSNA	180	NONE
3 1550	N30444	070879	CEDAR FALLS,IA	CESSNA	177A	SERIOUS
3 1551	N4360F	081779	DAVENPORT,IA	PIPER	PA-28	MINOR
3 1552	N6299G	063079	DES MOINES,IA	CESSNA	A188	SERIOUS
3 1553	N85Z	070379	NANTHON,IA	BELL	47-G2	NONE
3 1554	N3812F	070179	ALGONA,IA	GR LAKES	2T-1A2	NONE
3 1555	N2313A	071079	LABORA,IA	PIPER	PA-38	NONE
3 1556	N24218	070979	AKRON,OH	CESSNA	152	NONE
3 1557	N733BS	060679	WILLARD,OH	CESSNA	172	NONE
3 1558	N67310	053079	MIAMISBURG,OH	CESSNA	152	NONE
3 1559	N36126	052879	NST CLAIRSVILLE,OH	PIPER	PA32RT	NONE
3 1560	N48980	071779	NALGER,OH	CESSNA	A188B	MINOR
3 1561	N3571T	060179	ANCHORAGE,AK	TAYLORCRAFT	F-19	NONE
3 1562	N68086	012379	NKETCHICAN,AK	DEHAVILLAND	DHC-2	SERIOUS
3 1563	N6209Z	080579	DANVILLE,IN	PIPER	PA-25	NONE
3 1564	N2023	072779	NELKHART,IN	N AMERICAN	SNJ-5	SERIOUS
3 1565	N3661R	041779	LAFAYETTE,IN	PIPER	PA-28	NONE
3 1566	N9629U	070879	WARRENTON,VA	GRUM AMER	AA-5	NONE
3 1567	N21961	053079	LEXINGTON,VA	CESSNA	150L	NONE
3 1568	N65048	062979	NQUINCY,WA	HILLER ACFT	UH-12E	NONE
3 1569	N2596P	052079	OAK GROVE,VA	LAKE	LA4	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1570	N8805U	051779	CHESAPEAKE,VA	CESSNA	150	NONE
3 1571	N6347N	060679	PUNGO,VA	CHAMPION	7GCAA	NONE
3 1572	N757YV	051679	WALKERTON,VA	CESSNA	152	NONE
3 1573	N2018T	061579	KEYSVILLE,VA	BEECH	58	NONE
3 1574	N734DD	070879	LEXINGTON,VA	CESSNA	172N	NONE
3 1575	N41855	062279	CLINCHPORT,VA	PIPER	PA-28R	NONE
3 1576	N2083G	041979	BAYSE,VA	PIPER	PA-28	NONE
3 1577	N4862V	043079	QUINTON,VA	BELLANCA	17-30	NONE
3 1578	N3224H	072779	GROVE,OK	ERCO	415-CD	SERIOUS
3 1579	N90453	062279	ELK CITY,OK	HILLER	UH12L4	MINOR
3 1580	N50254	061079	NVINITA,OK	CESSNA	150	NONE
3 1581	N6436Z	052879	NPERKINS,OK	PIPER	PA-25	NONE
3 1582	N33415	073179	TANEYTOWN,MD	PIPER	J5A	MINOR
3 1583	N11718	071779	OCEAN CITY,MD	BELLANCA	7GCBC	NONE
3 1584	N1500N	061679	NAYLOR,MD	PIPER	J-3	MINOR
3 1585	N56112	051079	OAKLAND,MD	PIPER	PA-28	MINOR
3 1586	N90315	070679	GARY,WV	BELL	206	NONE
3 1587	N39870	051479	FAYETTEVILLE,WV	CESSNA	172L	NONE
3 1588	N4126R	051479	BRADFORD,PA	PIPER	PA-32	SERIOUS
3 1589	N19435	051179	MT VERNON,NH	CESSNA	150	NONE
3 1590	N5880L	082379	LAUREL,MT	GRUM AMER	AA-5	NONE
3 1591	N5013C	082879	ABSAROKEE,MT	BELL	206B	NONE
3 1592	N6721Z	082179	NADRIAN,OR	PIPER	PA-25	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1593	N56291	081579	NPLUSH,OR	MAULE	M5-235	SERIOUS
3 1594	N61030	080379	NBURNS,OR	CESSNA	150	NONE
3 1595	N6651P	070179	SALEM,OR	PIPER	PA-24	NONE
3 1596	N5311G	071879	CRESWELL,OR	CESSNA	305A	NONE
3 1597	N6046L	082079	NMEDFORD,OR	GRUM AMER	AA-5	NONE
3 1598	N4710Q	062479	NMADRAS,OR	CESSNA	185	MINOR
3 1599	N4143Y	061479	NTHE DALLES,OR	BELLANCA	8GCBC	NONE
3 1600	N756SR	042279	NTHE DALLES,OR	CESSNA	206G	NONE
3 1601	N9196E	041379	LORD FLAT,OR	MAULE	M235C	NONE
3 1602	N24158	071379	TROUTDALE,OR	BEECH	A36	NONE
3 1603	N75LB	050879	MCMINNVILLE,OR	BAIRD/BEERS	AMFS14	SERIOUS
3 1604	N7330W	061979	BAKER,OR	CESSNA	172	MINOR
3 1605	N40JH	060379	SUNRIVER,OR	BEECH	A36	NONE
3 1606	N4753Y	060179	BURNS,OR	PIPER	PA-25	SERIOUS
3 1607	N6844W	072579	WHITE CITY,OR	PIPER	PA-28	NONE
3 1608	N9499R	072279	NYSSA,OR	CESSNA	188	NONE
3 1609	N6813M	061979	MALIN,OR	STINSON	108-3	NONE
3 1610	N4707C	070979	CLINTON,MO	PIPER	PA-22	NONE
3 1611	N28467	060679	NOWENSVILLE,MO	GRUMMAN	AA-5B	SERIOUS
3 1612	N4894H	072179	NWARRENSBURG,MO	PIPER	PA-17	NONE
3 1613	N7499	060979	NBELL CITY,MO	GRUMMAN	G-164A	SERIOUS
3 1614	N6668R	070379	AVA,MO	MOONEY	M20C	NONE
3 1615	N16025	081979	NODESSA,MO	CESSNA	150	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1616	N8499	080179	NRISCO,MO	GRUMMAN	G-164A	NONE
3 1617	N4070U	082179	NPLEASANT HILL,MO	CESSNA	150E	NONE
3 1618	N704UB	082479	BRANSON,MO	CESSNA	150	NONE
3 1619	N4233B	081079	THEODOSIA,MO	BEECH	F35	MINOR
3 1620	N6546J	081279	GAINESVILLE,MO	PIPER	PA-28	SERIOUS
3 1621	N701Y	073179	NEELYVILLE,MO	GRUMMAN	G-164	NONE
3 1622	N6962H	052079	NEW LENOX,IL	CESSNA	172M	NONE
3 1622	N98351	052079	NEW LENOX,IL	PIPER	PA-28	NONE
3 1623	N949R	062479	HARVARD,IL	CESSNA	310G	NONE
3 1624	N6934Q	041579	SCHAUMBURG,IL	BEECH	BE-19A	NONE
3 1625	N8516S	061579	RUSHVILLE,IL	CESSNA	182H	NONE
3 1626	N7UD	051279	ROCKFORD,IL	PITTS	S-2A	MINOR
3 1627	N9764T	041779	LOCKPORT,IL	PIPER	PA-38	NONE
3 1628	N8904G	042079	EFFINGHAM,IL	CESSNA	A188B	MINOR
3 1629	N2466T	061379	GRAYSLAKE,IL	PIPER	PA-38	NONE
3 1630	N9323F	051979	FLANAGAN,IL	HUGHES	269B	NONE
3 1631	N2200Z	081579	NEVERETT,WA	ZIPPER	HH-1	FATAL
3 1632	N9845G	072079	NMATTAWA,WA	CESSNA	188B	MINOR
3 1633	N43097	070879	NOTHELLO,WA	PIPER	PA-28	NONE
3 1634	N4903C	051779	BELLEVUE,WA	CESSNA	185	NONE
3 1635	N4797P	030179	NPORT TOWNSEND,WA	ROBERTSON	P210N	FATAL
3 1636	N24887	050779	CASHMERE,WA	CESSNA	152	NONE
3 1637	N46652	081379	DEER PARK,WA	CESSNA	172K	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1638	N6886R	052279	VANCOUVER,WA	CESSNA	T210	NONE
3 1639	N73234	062779	DALLESPORT,WA	BELL	47G-3B	NONE
3 1640	N9901P	042579	NMESA,WA	PIPER	PA-36	NONE
3 1641	N3312J	060779	GARFIELD,WA	CESSNA	150	NONE
3 1642	N757JM	062679	MALAGA,WA	CESSNA	152	MINOR
3 1643	N16512	072279	PASCO,WA	WACO	YKS-6	NONE
3 1644	N57833	072379	MEAD,WA	TAYLORCRAFT	DC-65	MINOR
3 1645	N9044T	051579	MOSES LAKE,WA	EL TOMCAT	MK5A	NONE
3 1646	N4603Y	070679	MOSES LAKE,WA	PIPER	PA-25	MINOR
3 1647	N1918	051179	MATTAWA,WA	BEECH	G-35	NONE
3 1648	N8017G	052979	NPATTERSON,WA	CESSNA	188B	SERIOUS
3 1649	N1544V	062179	NVANCOUVER,WA	CESSNA	172M	SERIOUS
3 1650	N60053	041279	CAMAS,WA	CESSNA	150	MINOR
3 1651	N44094	062479	FEDERAL WAY,WA	PIPER	PA-28	NONE
3 1652	N714MP	071779	ST CLOUD,MN	CESSNA	150	NONE
3 1653	N45813	060379	RUSH CITY,MN	LUSCOMBE	8A	NONE
3 1654	N9750P	071779	ROSEAU,MN	PIPER	PA-25	NONE
3 1655	N7695S	080579	FEDERAL DAM,MN	BELLANCA	8GCBC	NONE
3 1656	N70152	051979	GAYLORD,MN	PIPER	PA-25	FATAL
3 1657	N8239G	062879	NDONALDSON,MN	CESSNA	A188B	SERIOUS
3 1658	N11890	051879	PIRATES COVE,KY	CESSNA	210	NONE
3 1659	N22992	050779	RICHMOND,KY	CESSNA	150	SERIOUS
3 1660	N18171	071779	LOUISVILLE,KY	CESSNA	172	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1661	N40977	062279	HAZARD,KY	PIPER	PA-28	NONE
3 1662	N4684X	051779	BEREA,KY	CESSNA	150	NONE
3 1663	N8791S	081079	NEWDALE,ID	AIR TRACTOR	AT-301	NONE
3 1664	N9899X	071679	SLATE CREEK,ID	CESSNA	185	NONE
3 1665	N4406P	062479	GRIFFIN,GA	PIPER	PA-23	NONE
3 1666	N111WP	061379	NPRESTON,GA	BEECH	65	FATAL
3 1667	N33MH	060779	BOXBORO,MA	STARDUSTER	SA-300	MINOR
3 1668	N66349	071079	MIDDLEBORO,MA	CESSNA	150M	NONE
3 1669	N3148P	022879	WINTER HAVEN,FL	PIPER	PA-23	SERIOUS
3 1670	N6659	040679	NCLEWISTON,FL	GRUMMAN	G-164A	FATAL
3 1671	N49967	031879	NOCHOPEE,FL	CESSNA	152	NONE
3 1672	N6608Y	020579	NMIAMI,FL	PIPER	PA-23	FATAL
3 1673	N99RJ	070579	HOWEY,FL	BEECH	B-55	NONE
3 1674	N27673	072179	NFORT PIERCE,FL	TAYLORCRAFT	BL-65	SERIOUS
3 1675	N12420	070979	SEBRING,FL	LOCKHEED	T-33	NONE
3 1676	N8958X	050579	NEBRO,FL	CESSNA	182	MINOR
3 1677	N76TV	030479	MUNSTER,IN	BELLANCA	17-31A	SERIOUS
3 1678	N88RC	042479	NEW SMYRNA,FL	RUTAN VARI	VIGGEN	NONE
3 1679	N848B	040579	ST PETERSBURG,FL	BEECH	35A33	FATAL
3 1680	N9278U	011279	NORLANDO,FL	CESSNA	150M	FATAL
3 1681	N514SF	032579	NMIAMI,FL	BELL	47G	NONE
3 1682	N427W	061279	FT LAUDERDALE,FL	DOUGLAS	DC-3	FATAL
3 1683	N9195L	052479	NCANADIAN,TX	BELLANCA	7KCAB	NONE

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FILE ORDER LISTING - ISSUE NO. 6, 1979

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1684	N707ED	061179	NSEMINOLE,TX	BEECH	65-88	NONE
3 1685	N8507L	081479	SLAYTON,TX	PIPER	PA-25	NONE
3 1686	N80833	072879	KELLER,TX	GLOBE	GC-1B	NONE
3 1687	N64987	042779	HEREFORD,TX	CESSNA	152	NONE
3 1688	N3890X	052279	CANADIAN,TX	AERO COMDR	100	MINOR
3 1689	N8630L	073179	PEARSALL,TX	PIPER	PA-25	NONE
3 1690	N7853S	071879	SABINE,TX	BELL	206B	NONE
3 1691	N7930G	071479	WEATHERFORD,TX	CESSNA	150L	NONE
3 1692	N2385F	080179	FT.WORTH,TX	PIPER	PA-38	NONE
3 1693	N10SC	061079	ROANOKE,TX	PITTS	S-1	NONE
3 1694	N8881S	082679	ROWLETT,TX	CESSNA	150F	NONE
3 1695	N1991J	061579	LOUISE,TX	CESSNA	188	NONE
3 1696	N939WB	080679	MIDLAND,TX	SWEARINGEN	SA26AT	NONE
3 1697	N84726	051379	JUSTIN,TX	AERONCA	7AC	SERIOUS
3 1698	N89574	080779	NDALLAS,TX	CESSNA	152	NONE
3 1699	N4002G	012079	FALFURRIAS,TX	BELL	47G-4A	SERIOUS
3 1700	N69103	073179	ARLINGTON,TX	CESSNA	152	MINOR
3 1701	N9504H	041679	TOMBALL,TX	CESSNA	172	NONE
3 1702	N4850R	071479	NOZONA,TX	CESSNA	A188	NONE
3 1703	N77BT	071679	SAN ANTONIO,TX	SPORTAIRE		NONE
3 1704	N3740G	053079	NSPOFFORD,TX	BELL	47G	NONE
3 1705	N55971	062079	EL PASO,TX	BOEING	A75N-1	NONE
3 1706	N39461	072379	PLANO,TX	PIPER	PA32RT	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1707	N90755	052179	NGALVESTON,TX	BOLKOW	BO105C	NONE
3 1708	N88380	062979	NOLTON,TX	SNOW	600S2R	NONE
3 1709	N739HY	070579	AUSTIN,TX	CESSNA	172N	NONE
3 1710	N12639	060979	WEATHERFORD,TX	CESSNA	172M	SERIOUS
3 1711	N2074K	070879	AMARILLO,TX	BEECH	C23	NONE
3 1712	N49818	072279	WESTLACO,TX	CESSNA	152	NONE
3 1713	N7FG	063079	TOMBALL,TX	AERONCA	7EC	NONE
3 1714	N4598	061379	NRAYMONDVILLE,TX	GRUMMAN	G-164A	NONE
3 1715	N36367	061479	NKENT,TX	PIPER	PA-32	NONE
3 1716	N7651U	050979	FT.HOOD,TX	CESSNA	150M	MINOR
3 1717	N48857	060279	AUSTIN,TX	CESSNA	152	NONE
3 1718	N48778	041379	STEPHENVILLE,TX	CHAMPION	7FC	SERIOUS
3 1719	N9170P	080279	LUBBOCK,TX	PIPER	PA-24	NONE
3 1720	N6213K	052479	DALHART,TX	CESSNA	150M	NONE
3 1721	N3727H	082679	EL PASO,TX	ERCO	415-D	NONE
3 1722	N6996N	040479	AMARILLO,TX	CESSNA	305A	NONE
3 1723	N738DK	072179	CONNEAUT,OH	CESSNA	172N	NONE
3 1724	N5998L	060979	TAYLORVILLE,IL	GREAT LAKES	2T-1A	SERIOUS
3 1725	N54880	081379	COLUMBUS,OH	CESSNA	150L	NONE
3 1726	N7104L	071579	AU GRES,MI	GRUM-AMER	AA-5	MINOR
3 1727	N28411	071379	POLO,IL	GRUMMAN	AA-5B	MINOR
3 1728	N29250	080479	PAINESVILLE,OH	PIPER	PA-28	NONE
3 1729	N8173Y	072379	KALAMAZOO,MI	PIPER	PA-30	NONE

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1730	N359X	081979	JACKSON,MI	MAULE	M-5	NONE
3 1731	N74NS	081979	MANCHESTER,MI	LARK	28B2	NONE
3 1732	N7149G	081579	TROY,OH	CESSNA	172	MINOR
3 1733	N5740V	072579	CLEVELAND,OH	BEECH	95-C55	NONE
3 1734	N2320A	070579	CINCINNATI,OH	BEECH	95-B55	NONE
3 1735	N73592	061779	PUTNAM,IL	CESSNA	172	NONE
3 1736	N6485N	042479	ST. FRANCIS,WI	CESSNA	T210N	SERIOUS
3 1737	N593H	072679	NBRIDGEPORT,CA	ENSTROM	F-28C	NONE
3 1738	N738YH	071079	TERRA HAUTE,IN	CESSNA	172	MINOR
3 1739	N3416V	072479	WAUKESHA,WI	CESSNA	150	NONE
3 1740	N5008X	062479	HOXIE,KS	ROCKWELL	S2R	NONE
3 1741	N580PA	040179	NBETHEL,AK	DEHAVND CAN	DHC-4A	NONE
3 1742	N7622S	061179	MORAINE,OH	BELLANCA	7ECA	NONE
3 1743	N744JC	012479	YOUNGSTOWN,OH	LEAR JET	24D	NONE
3 1744	N80519	061379	ANDERSON,IN	CESSNA	172	MINOR
3 1745	N68341	050679	GILLESPIE,IL	CESSNA	152	NONE
3 1746	N2365N	061979	LANSING,IL	PIPER	PA-38	NONE
3 1747	N40923	072279	PETERSBURG,MI	PIPER	PA-28	MINOR
3 1748	N8863F	062479	PONTIAC,MI	HUGHES	269A	NONE
3 1749	N26769	060379	NAPOLEON,MI	PIPER	J3L	SERIOUS
3 1750	N288JW	060979	NSYCAMORE,OH	PIPER	PA-25	MINOR
3 1751	N230K	051579	SPARLAND,IL	PITTS	S1C	NONE
3 1752	N4423	052379	NPIQUA,OH	BELL	47G-2	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1753	N9439F	062479	FINDLAY,OH	HUGHES	269B	NONE
3 1754	N2780	080479	ROSELAWN,IN	BREEZY	DDJ-1	NONE
3 1755	N29X	072679	FLINT,MI	VARIVIGGIN		SERIOUS
3 1756	N25MP	060679	WASHINGTON,DC	BELL	47G3B1	FATAL
3 1757	N9808Q	062279	EAST ST LOUIS,IL	AEROSTAR	601P	NONE
3 1758	N5471H	071179	LITTLE ROCK,AR	CESSNA	172M	FATAL
3 1759	N25356	052179	NGREENVILLE,MS	CESSNA	152	FATAL
3 1760	N7149B	031879	LAWRENCEVILLE,GA	PIPER	PA-22	SERIOUS
3 1761	N6577F	061079	MAYDAY,GA	CESSNA	150	MINOR
3 1762	N4451	052779	NSKYKOMISH,WA	GRUMMAN	SCAN30	FATAL
3 1763	N9898M	040279	NBEECH ISLAND,SC	CESSNA	210M	NONE
3 1764	N32816	041379	EUTAW,AL	PIPER	PA-28	NONE
3 1765	N46460	052379	MOBILE,AL	BEECH	G35	FATAL
3 1766	N4952D	061879	WILSONVILLE,OR	CESSNA	182	NONE
3 1767	N161HA	051179	INDEPENDENCE,OR	HILLER ACFT	UH-12E	NONE
3 1768	N61882	042679	NGORMAN,CA	CESSNA	172M	FATAL
3 1769	N7LM	082279	MADERA,CA	MANISCALCO	GRTLKS	NONE
3 1770	N8120	072879	NFRESNO,CA	BEECH	65-90	NONE
3 1771	N4177D	082379	WOODLAND,CA	HELIO ACFT	H-395	MINOR
3 1772	N4734S	081679	NHART,MI	BELL	47G-2	NONE
3 1773	N2651U	071479	RENO,NV	CESSNA	172D	MINOR
3 1774	N922MB	052179	NST MARIES,ID	HUGHES	369HS	FATAL
3 1775	N6550R	050579	SALTSBURG,PA	BEECH	C-23	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1776	N9262X	070979	CLEARWATER,FL	CESSNA	182E	FATAL
3 1777	N25TD	031779	NFT.MCCOY,FL	PIPER	PA-23	NONE
3 1778	N6679G	052579	BUSHNELL,FL	CESSNA	188B	NONE
3 1779	N7345M	061879	TALLAHASSEE,FL	CESSNA	210M	NONE
3 1779	N735UD	061879	TALLAHASSEE,FL	CESSNA	182Q	NONE
3 1780	N8759G	071679	CLEARWATER,FL	CESSNA	150	NONE
3 1781	N5152T	082779	PALO ALTO,CA	BELLANGA	7KCAB	NONE
3 1782	N40615	083179	PLEASANT GROVE,CA	PIPER	J3	MINOR
3 1783	N3628V	083179	SANTA MONICA,CA	CESSNA	150	SERIOUS
3 1784	N8029Y	082279	NTHERMAL,CA	RAND	KR-2	FATAL
3 1785	N6286B	080479	PISTOL CREEK,ID	CESSNA	T210M	FATAL
3 1786	N70063	080779	NMODESTO,CA	CESSNA	188	SERIOUS
3 1787	N2856V	082879	NLEGRAND,CA	BEECH	35	MINOR
3 1788	N5501U	040279	NMALIBU,CA	BELLANCA	8KCAB	FATAL
3 1789	N7318D	042579	NKING CITY,CA	PIPER	PA-22	MINOR
3 1790	N28477	052479	RAMONA,CA	GRUM-AMER	AA-5B	NONE
3 1791	N28178	080279	SALINAS,CA	BELL	47G-2A	NONE
3 1792	N737F	080179	HAYWARD,CA	CESSNA	310C	NONE
3 1793	N2083S	080779	NMADERA,CA	CESSNA	T210L	NONE
3 1794	N46190	082779	NOCOTILLO WELLS,CA	CESSNA	210L	NONE
3 1795	N24285	061779	TORRANCE,CA	CESSNA	152	NONE
3 1796	N177RB	091479	MERCED,CA	BEDE	BD-5J	NONE
3 1797	N6627	080179	NMERIDIAN,CA	GRUMMAN	G-164A	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1798	N3953X	091679	SACRAMENTO,CA	PIPER	PA-34	NONE
3 1799	N3078Q	041579	NSHOSHONE,CA	CESSNA	182K	FATAL
3 1800	N19TF	071279	GUSTINE,CA	FOCKE WOLF	190	SERIOUS
5 0016	N123DH	031479	LANCASTER,CA	CESSNA	T210L	FATAL

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS

PRINTED IN STATE AND DATE ORDER

U. S. GENERAL AVIATION

ISSUE NO. 6

1979

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1764	4/13/79 TIME - 1935	EUTAW,AL	PIPER PA-28 N32816 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 122 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EUTAW MUNICIPAL

DEPARTURE POINT: TALLEDEGA,AL — INTENDED DESTINATION: EUTAW,AL

TYPE OF ACCIDENT: COLLIDED WITH ANIMALS — PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
REMARKS- COW ON RUNWAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1765	5/23/79 TIME - 1802	MOBILE,AL	BEECH G35 N46460 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 29, 1000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
TALLAHASSEE,FL
INTENDED DESTINATION
VICKSBURG,MS
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
BROKEN/LOWER SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
IFR
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
RAIN, THUNDERSTORM
TYPE OF WEATHER CONDITIONS
IFR
REMARKS- WITNESSES OBSERVED ACFT COME OUT OF THUNDERSTORM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1562	1/23/79 TIME - 1030	NR.KETCHICAN,AK	DEHAVILLAND DHC-2 N68086 DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 28, 5919 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
KETCHICAN,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
DUAL STUDENT - MISJUDGED ALTITUDE
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
DUAL STUDENT - LACK OF FAMILIARITY WITH AIRCRAFT
FIRE AFTER IMPACT
REMARKS- FLOAT EQUIPPED. STEEP 180 TURN CLOSE TO WATER.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                                F  S M/N     PURPOSE

3-1741  4/1/79    NR.BETHEL,AK          DEHAVND CAN DHC-4A  CR-  0  0  3  COMMERCIAL                 AIRLINE TRANSPORT, AGE
        TIME - 1200                     N580PA              PX-  0  0  0  AIR TAXI-CARGO             54, 15638 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                           5285 IN TYPE, INSTRUMENT
                                                                                                     RATED.
        NAME OF AIRPORT - WHITE BEAR
        DEPARTURE POINT             INTENDED DESTINATION
          WHITE BEAR,AK               BETHEL,AK
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                             TAKEOFF  RUN
          COLLIDED WITH  OBJECT                                TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
          PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
          PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL  DEFICIENCY,COMPANY MAINTAINED EQPMT,SERVICES,REGULATION
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          COPILOT - LACK OF FAMILIARITY WITH AIRCRAFT
          PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL  INADEQUATE FLIGHT TRAINING-PROCEDURES
          WEATHER - UNFAVORABLE WIND CONDITIONS
          MISCELLANEOUS ACTS,CONDITIONS - CREW COORDINATION-POOR
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT SHOULDERS

        SKY CONDITION                                        CEILING AT ACCIDENT SITE
          CLEAR                                                UNLIMITED
        VISIBILITY AT ACCIDENT SITE                          PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                 NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE              RELATIVE BEARING OF WIND
          NONE                                                 LEFT CROSS WIND 248-292 DEGREES
        WIND DIRECTION-DEGREES                               WIND VELOCITY-KNOTS
          60                                                   20
        TYPE OF WEATHER CONDITIONS                           TYPE OF FLIGHT PLAN
          VFR                                                  VFR
        REMARKS- COLL W 55GAL DRUMS. WIND GUSTING TO 25KTS.


3-1561  6/1/79      ANCHORAGE,AK        TAYLORCRAFT F-19    CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 30, 230
        TIME - 1730                     N3571T              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 160 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LAKE HOOD STRIP
        DEPARTURE POINT             INTENDED DESTINATION
          ARNYSS LAKE,AK              ANCHORAGE,AK
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          NOSE OVER/DOWN                                       STATIC  IDLING ENGINE(S)

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        REMARKS- WIND GUSTS TO 26KTS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1504	5/27/79 TIME - 1200	NR.CAMDEN,AR	CESSNA 172N N737EY DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 900 TOTAL HOURS, 235 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
N.LITTLE ROCK,AR
INTENDED DESTINATION
SHREVEPORT,LA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
TERRAIN - HIGH OBSTRUCTIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
BROKEN
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
400
PRECIPITATION AT ACCIDENT SITE
RAIN
TEMPERATURE-F
70
TYPE OF WEATHER CONDITIONS
IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1505	6/3/79 TIME - 0630	MCCRORY,AR	CESSNA 188 N21670 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, UNK/NR TOTAL HOURS, 3690 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MCCRORY,AR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 3500
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- LNDG GEAR STRUCK LEVEE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1508	6/23/79 TIME - 1145	LIGHT,AR	SNOW S-2R N5643X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 37, 6000 TOTAL HOURS, 600 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE STRIP
DEPARTURE POINT — LIGHT,AR
INTENDED DESTINATION — LOCAL

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE PISTON,PISTON RINGS
MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION
TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- ENCOUNTERED RICE LEVEE DRG LNDG.# 5 CYL COMPRESSION 25 LBS & BOTH SPARK PLUGS OIL FOULED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1503	7/4/79 TIME - 0045	NEWPORT,AR	CESSNA 172M N12588 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 558 TOTAL HOURS, 435 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — JONESBORO,AR
INTENDED DESTINATION — HEBER SPRINGS,AR

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1502	7/8/79 TIME - 1900	NR.CASH,AR	PIPER PA-25 N4969Y DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 1217 TOTAL HOURS, 665 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  CASH,AR
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 650
  KIND OF CROP - RICE
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - CROSSWIND
  KIND OF OPERATION - FERTILIZING (LIQUID)
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 200
  PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1758	7/11/79 TIME - 0729	LITTLE ROCK,AR	CESSNA 172M N5471H DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 330 TOTAL HOURS, 105 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  PARAGOULD,AR
INTENDED DESTINATION
  LITTLE ROCK,AR
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
  LANDING INITIAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  PILOT IN COMMAND - PHYSICAL IMPAIRMENT
  MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
  WEATHER - LOW CEILING
  WEATHER - FOG
WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION
WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  300
VISIBILITY AT ACCIDENT SITE
  1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TEMPERATURE-F
  74
WIND DIRECTION-DEGREES
  6
WIND VELOCITY-KNOTS
  5
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  SPECIAL VFR
REMARKS- BLOOD ALCOHOL LEVEL .065%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1507	7/13/79 TIME - 1430	NR.HOLLY GROVE,AR	PIPER PA-25 N9845P DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE UNK/NR, 18500 TOTAL HOURS, 4000 IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE STRIP
DEPARTURE POINT — HOLLY GROVE,AR
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  STALL
  COLLIDED WITH TREES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
  WEATHER - LOCAL WHIRLWIND
  TERRAIN - HIGH OBSTRUCTIONS

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  VFR

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
  KIND OF CROP - RICE
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - NOT INSTALLED
  KIND OF OPERATION - FERRY
  TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
  GLOVES - NOT USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
REMARKS- ACFT LANDED ON ABANDONED RAILROAD BED.PLT STATED A SMALL DUST DEVIL WAS ENCOUNTERED AFTR LIFT-OFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1501	7/13/79 TIME - 0730	NR.POLLARD,AR	GRUMMAN G-164A N4643 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 2000 TOTAL HOURS, 1600 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — PIGGOT,AR
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 1600
  KIND OF CROP - RICE
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - USED
  CRASH HELMET - AVAILABLE USED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 250
REMARKS- COLLIDE W LEVEE.

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FILE    DATE          LOCATION          AIRCRAFT DATA          INJURIES      FLIGHT                       PILOT DATA
                                                               F  S M/N      PURPOSE

3-1506  7/19/79  NR.TICHNOR,AR          GRUMMAN G-164A      CR-  0  0  1  COMMERCIAL                COMMERCIAL, AGE 24, 1425
        TIME - 1500                     N7219               PX-  0  0  0  AERIAL APPLICATION        TOTAL HOURS, 600 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                        INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         TICHNOR,AR                       LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  PROCEDURE TURNAROUND
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  CYLINDER ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  600
          KIND OF CROP - RICE                                   KIND OF OPERATION - FERTILIZING (DUST)
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED              TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          GOGGLES - NOT USED                                    GLOVES - NOT USED
          CRASH BAR - INSTALLED                                 CRASH HELMET - AVAILABLE USED
          TERRAIN-TYPE - ROLLING                                TANK/HOPPER-LOCATION - FORWARD OF PILOT
          SWATH RUN-HOW FLOWN - CROSSWIND                       ELEVATION-AREA BEING TREATED-FEET -  190
                                                                PROCEDURE TURNAROUND - SECOND 1/3 TURN
        REMARKS- # 9 CYL FAILED FOR UNKN RSN.ACFT NOSED OVER WHILE PLT ATTEMPTED TO STOP FOR DITCH.

3-1510  8/1/79      CONWAY,AR           MOONEY M20C         CR-  0  0  1  NONCOMMERCIAL             PRIVATE, AGE 46, 704
        TIME - 1715                     N79392              PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 280 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                        NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CANTRELL FIELD
        DEPARTURE POINT                 INTENDED DESTINATION
         CONWAY,AR                        LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                                F  S M/N      PURPOSE

3-1509  8/3/79   NR.AMAGON,AR          GRUMMAN G-164B       CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 38, 5453
        TIME - 1730                   N4563                 PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, ALL IN TYPE,
                                      DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - NEWPORT AIR BASE
        DEPARTURE POINT              INTENDED DESTINATION
         AMAGON,AR                     LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED
          TERRAIN - HIGH OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - FERTILIZING (DUST)
          KIND OF CROP - RICE                                      TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT
        FIRE AFTER IMPACT
        REMARKS- STALLED AS PLT ATTEMPTED TO CLEAR TREE LINE.

3-1512  8/24/79    CROSSETT,AR         CESSNA 172N          CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 24, 42 TOTAL
        TIME - 1630                   N2754E                PX-  0  0  0  TRAINING                    HOURS, 12 IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - CROSSETT
        DEPARTURE POINT              INTENDED DESTINATION
          TEXARKANA,AR                 CROSSETT,AR
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED SPEED
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
        FACTOR(S)
          PERSONNEL - FLIGHT INSTRUCTOR  INADEQUATE TRAINING OF STUDENT

3-1511  8/28/79  NR.FRESNO,AR          PIPER J-3            CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 29, 292
        TIME - 0745                   N20886                PX-  0  0  0  AERIAL SURVEY               TOTAL HOURS, 230 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         FRESNO,AR                     LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
        REMARKS- DESCENDED INTO RICE CROP WHILE PICKING UP RAG FROM FLOOR BOARD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-0016	3/14/79 TIME - 1715	LANCASTER,CA	CESSNA T210L N123DH DAMAGE-NONE	CR- 0 0 1 PX- 1 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

CLASSIFIED AS INCIDENT
DEPARTURE POINT
MAMMOTH LAKES,CA
INTENDED DESTINATION
PALM SPRINGS,CA
TYPE OF ACCIDENT
MISCELLANEOUS
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
MISCELLANEOUS ACTS,CONDITIONS - HYPOXIA
REMARKS- PAX DIED DURING FLT,BLOOD ALCOHOL LEVEL .44%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1788	4/2/79 TIME - 0928	NR.MALIBU,CA	BELLANCA 8KCAB N5501U DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 49, 388 TOTAL HOURS, 26 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
VAN NUYS,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1789	4/25/79 TIME - 1000	NR.KING CITY,CA	PIPER PA-22 N7318D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 46, 1310 TOTAL HOURS, 403 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MESA DEL REY
DEPARTURE POINT
TORRENCE,CA
INTENDED DESTINATION
SAN JOSE,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
TERRAIN - OTHER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED W POSTS,WIRES,& VINES DRG FORCED LNDG IN VINEYARD.NO2 CON ROD,P/N 74502,FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1768	4/26/79 TIME - 2210	NR.GORMAN,CA	CESSNA 172M N61882 DAMAGE-SUBSTANTIAL	CR- 1 1 0 PX- 1 1 0	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 55, 5000 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
BAKERSFIELD,CA
INTENDED DESTINATION
HAWTHORNE,CA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR
CEILING AT ACCIDENT SITE
2000
PRECIPITATION AT ACCIDENT SITE
RAIN
TEMPERATURE-F
68
TYPE OF FLIGHT PLAN
VFR
REMARKS- PIC BLOOD ALCOHOL LEVEL .158%, MTNS OBSCURED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1790	5/24/79 TIME - 0001	RAMONA,CA	GRUM-AMER AA-5B N28477 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 125 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RAMONA
DEPARTURE POINT — LOS ANGELES,CA
INTENDED DESTINATION — SAN DIEGO,CA
TYPE OF ACCIDENT
- ENGINE FAILURE OR MALFUNCTION
- COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
- LANDING GO-AROUND
- LANDING GO-AROUND

PROBABLE CAUSE(S)
- PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
- PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
- MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE

FACTOR(S)
- WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
- WEATHER - FOG

PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — PARTIAL OBSCURATION
CEILING AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE — 1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 60
TYPE OF WEATHER CONDITIONS — BELOW MINIMUMS
TYPE OF FLIGHT PLAN — VFR

REMARKS- PLT STATED LOSS OF ENG PWR DRG GO-ARND & BLINDED BY FOG W LNDG LGTS ON.CARB HEAT-COLD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1795	6/17/79 TIME - 1857	TORRANCE,CA	CESSNA 152 N24285 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 33, 2737 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TORRANCE
DEPARTURE POINT — TORRANCE,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
- OVERSHOOT
- COLLIDED WITH FENCE,FENCEPOSTS

PHASE OF OPERATION
- LANDING LEVEL OFF/TOUCHDOWN
- LANDING GO-AROUND

PROBABLE CAUSE(S)
- DUAL STUDENT - MISJUDGED DISTANCE AND SPEED
- PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
- PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

REMARKS- IP WAS DEMONSTRATING SHORT FLD LNDG AFTER STUDENT OVERSHOT.

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FILE    DATE          LOCATION          AIRCRAFT DATA         INJURIES        FLIGHT                          PILOT DATA
                                                               F  S M/N       PURPOSE

3-1800  7/12/79    GUSTINE,CA          FOCKE WOLF 190      CR-  0  1  0  NONCOMMERCIAL                ATP,FLIGHT INSTR., AGE
        TIME - 1700                    N19TF               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     28, 2088 TOTAL HOURS, 79
                                       DAMAGE-SUBSTANTIAL                                              IN TYPE, INSTRUMENT
                                                                                                       RATED.
        NAME OF AIRPORT - GUSTINE
        DEPARTURE POINT              INTENDED DESTINATION
          MERCED,CA                    LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  DESCENDING
          HARD LANDING                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
          MISCELLANEOUS - VORTEX TURBULENCE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- PLT STATED-ENCOUNTERED WAKE TURB DRG EMERG LNDG AFTER EVASIVE MNVR TO AVOID ANOTHER ACFT.


3-1737  7/26/79  NR.BRIDGEPORT,CA      ENSTR .. F-28C      CR-  0  0  1  COMMERCIAL                   COMMERCIAL, AGE 44, 4445
        TIME - 0700                    N593H               PX-  0  0  1  AIR TAXI-PASSG               TOTAL HOURS, 351 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          BRIDGEPORT,CA                LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          HARD LANDING                                            LANDING  POWER-ON LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          WEATHER - HIGH DENSITY ALTITUDE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                  SUSPECTED MECHANICAL DISCREPANCY

        SKY CONDITION                                           CEILING AT ACCIDENT SITE
          CLEAR                                                   UNLIMITED
        VISIBILITY AT ACCIDENT SITE                             PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                    NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                 TEMPERATURE-F
          NONE                                                    50
        WIND VELOCITY-KNOTS                                     TYPE OF WEATHER CONDITIONS
          CALM                                                    VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- DENSITY ALT APPROX 8100 FT.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT
                                                                F  S M/N    PURPOSE                        PILOT DATA
3-1770  7/28/79  NR.FRESNO,CA            BEECH 65-90         CR-  0  0  1  NONCOMMERCIAL
        TIME - 1136                      N8120               PX-  0  0  0  BUSINESS               COMMERCIAL, AGE 55, 26000
                                         DAMAGE-SUBSTANTIAL                                       TOTAL HOURS, 1000 IN
                                                                                                  TYPE, NOT INSTRUMENT
     NAME OF AIRPORT - SIERRA SKY PARK                                                            RATED.
     DEPARTURE POINT              INTENDED DESTINATION
      FRESNO,CA                    UNKNOWN/NOT REPORTED
     TYPE OF ACCIDENT
       ENGINE FAILURE OR MALFUNCTION                          PHASE OF OPERATION
       WHEELS-UP                                                TAKEOFF  INITIAL CLIMB
                                                                LANDING  LEVEL OFF/TOUCHDOWN
     PROBABLE CAUSE(S)
       PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
       PILOT IN COMMAND - MISMANAGEMENT OF FUEL
       MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
     COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
     EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
     REMARKS- PLT STATED SHORT FLD TKOF.SNGL ENG TKOF DIST 1800 FT.RWY LENGTH-2600 FT.


3-1797  8/1/79   NR.MERIDIAN,CA          GRUMMAN G-164A      CR-  0  0  1  COMMERCIAL
        TIME - 0610                      N6627               PX-  0  0  0  ASSOC CROP CTL ACTIVITY  COMMERCIAL, AGE 31, 5414
                                         DAMAGE-SUBSTANTIAL  OT-  0  0  1                           TOTAL HOURS, 3820 IN
                                                                                                    TYPE, NOT INSTRUMENT
     NAME OF AIRPORT - FRY STRIP                                                                    RATED.
     DEPARTURE POINT              INTENDED DESTINATION
      MERIDIAN,CA                  LOCAL
     TYPE OF ACCIDENT
       COLLIDED WITH  OBJECT                                  PHASE OF OPERATION
                                                                LANDING  ROLL
     PROBABLE CAUSE(S)
       PERSONNEL - MISCELLANEOUS-PERSONNEL  DRIVER OF VEHICLE
     REMARKS- COLLIDED W PICKUP TRUCK-DRIVEN ON RWY.


3-1792  8/1/79       HAYWARD,CA          CESSNA 310C         CR-  0  0  2  INSTRUCTIONAL
        TIME - 1912                      N737F               PX-  0  0  2  DUAL                   COMMERCIAL, FL.INSTR.,
                                         DAMAGE-SUBSTANTIAL                                       AGE 21, 1661 TOTAL HOURS,
                                                                                                  120 IN TYPE, INSTRUMENT
     NAME OF AIRPORT - HAYWARD AIR TERM                                                           RATED.
     DEPARTURE POINT              INTENDED DESTINATION        LAST ENROUTE STOP
      SAN CARLOS,CA                SAN CARLOS,CA                HAYWARD,CA
     TYPE OF ACCIDENT                                         PHASE OF OPERATION
       WHEELS-UP                                                LANDING  OTHER

     PROBABLE CAUSE(S)
       PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
     REMARKS- ABORTED SINGLE-ENG GO-AROUND.GEAR TRANSITIONING UP POSITION.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1791	8/2/79 TIME - 0610	SALINAS,CA	BELL 47G-2A N2817B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 55, 9730 TOTAL HOURS, 1010 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SALINAS
DEPARTURE POINT — SALINAS,CA
INTENDED DESTINATION — SALINAS,CA
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9000
KIND OF CROP - LETTUCE
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 84
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1786	8/7/79 TIME - 0642	NR.MODESTO,CA	CESSNA 188 N70063 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 2493 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — MODESTO,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2200
KIND OF CROP - CORN
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 100
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
FIRE AFTER IMPACT
REMARKS- COLLIDED W POLE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1793	8/7/79 TIME - 1100	NR.MADERA,CA	CESSNA T210L N2093S DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 55, 22932 TOTAL HOURS, 943 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HIDDEN LAKE RANCH
DEPARTURE POINT: FRESNO,CA
INTENDED DESTINATION: FRESNO,CA
LAST ENROUTE STOP: MADERA,CA
TYPE OF ACCIDENT: WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
FACTOR(S)
SYSTEMS - ELECTRICAL SYSTEM BATTERIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
SYSTEMS - ELECTRICAL SYSTEM GENERATORS/ALTERNATORS
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
MISCELLANEOUS ACTS,CONDITIONS - CHECKLIST-FAILED TO USE
REMARKS- DEAD CELL IN BATTERY.ALTERNATOR BELT LOOSE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1784	8/22/79 TIME - 1320	NR.THERMAL,CA	RAND KR-2 N8029Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 31, 144 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: THERMAL,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION: IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- 1ST FLT OF ACFT.ACFT APPROX 33LBS OVER G/W AT TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1769	8/22/79 TIME - 0745	MADERA,CA	MANISCALCO GRTLKS N7LM DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 50, 12500 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MADERA MUNICIPAL
DEPARTURE POINT: FRESNO,CA
INTENDED DESTINATION: FRESNO,CA
LAST ENROUTE STOP: MADERA,CA
TYPE OF ACCIDENT: AIRFRAME FAILURE ON GROUND; GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION: LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR WHEELS,TIRES,AXLES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- PILOT STATED HE OVERCORRECTED AFTER L TIRE BLEW OUT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1771	8/23/79 TIME - 1520	WOODLAND,CA	HELIO ACFT H-395 N4177D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 35, 522 TOTAL HOURS, 450 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOLLMAN

DEPARTURE POINT
  WOODLAND,CA

INTENDED DESTINATION
  SAN JOSE,CA.

TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
  COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
  WEATHER - UNFAVORABLE WIND CONDITIONS
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  270
TYPE OF WEATHER CONDITIONS
  VFR

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  88
WIND VELOCITY-KNOTS
  8
TYPE OF FLIGHT PLAN
  NONE

REMARKS- WND GUSTING 12K.D/A APPROX 2200 FT.FLEW UNDER PWR LINE TO AVOID STALL OR HIT LINE W GEAR.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                                F  S M/N     PURPOSE
3-1781  8/27/79    PALO ALTO,CA           BELLANGA 7KCAB       CR-  0  0  1  NONCOMMERCIAL                     PRIVATE, AGE 27, 135
        TIME - 1620                       N5152T               PX-  0  0  1  PLEASURE/PERSONAL TRANSP          TOTAL HOURS, 6 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PALO ALTO
        DEPARTURE POINT                 INTENDED DESTINATION
          PALO ALTO,CA                    LOCAL
        TYPE OF ACCIDENT
          GROUND-WATER LOOP-SWERVE                                         PHASE OF OPERATION
          COLLIDED WITH  PARKED AIRCRAFT                                     LANDING  LEVEL OFF/TOUCHDOWN
                                                                             LANDING  GO-AROUND
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          WEATHER - SUDDEN WINDSHIFT

        SKY CONDITION
          CLEAR                                                            CEILING AT ACCIDENT SITE
        VISIBILITY AT ACCIDENT SITE                                          UNLIMITED
          5 OR OVER(UNLIMITED)                                             PRECIPITATION AT ACCIDENT SITE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                              NONE
          NONE                                                             TEMPERATURE-F
        WIND DIRECTION-DEGREES                                               80
          300                                                              WIND VELOCITY-KNOTS
        TYPE OF WEATHER CONDITIONS                                           16
          VFR                                                              TYPE OF FLIGHT PLAN
                                                                             NONE
        REMARKS- CESSNA 172.N1491F.SUBSTANTIAL.POWER GLIDER.N4812B.SUBSTANTIAL.WND GSTG 18 KTS.PLT 6 HRS CONV GEAR.

3-1794  8/27/79  NR.OCOTILLO WELLS.CA  CESSNA 210L        CR-  0  0  1  MISCELLANEOUS                       CERTIFICATE UNKNOWN, AGE
        TIME - UNK/NR                  N46190             PX-  0  0  0  UNKNOWN/NOT REPORTED                UNK/NR, UNK/NR TOTAL
                                       DAMAGE-SUBSTANTIAL                                                   HOURS, UNK/NR IN TYPE,
        DEPARTURE POINT              INTENDED DESTINATION               LAST ENROUTE STOP                   UNK/NR INSTRUMENT RATED.
          UNKNOWN/NOT REPORTED         UNKNOWN/NOT REPORTED               UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                                PHASE OF OPERATION
          NOSE OVER/DOWN                                                  LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          TERRAIN - SANDY
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
        REMARKS- RPRT STOLEN 8/27/79.FOUND 8/28/79.ACDNT DATE & INJURY INDEX PRESUMED.
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FILE   DATE         LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                              F  S M/N    PURPOSE

3-1787 8/28/79  NR.LEGRAND.CA          BEECH 35             CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, FL.INSTR.,
       TIME - 0356                     N2856V               PX-  0  0  2  PLEASURE/PERSONAL TRANSP      AGE 48, 3260 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                             1666 IN TYPE, INSTRUMENT
                                                                                                        RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         RENO,NV                     FRESNO,CA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
         COLLISION WITH GROUND/WATER  CONTROLLED                 LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - FUEL SYSTEM  VENTS,DRAINS,TANK CAPS
         MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- L WING FUEL BLADDER COLLAPSED & MADE SUCTION SOUND WHEN CAP REMOVED.FUEL CAP SEALS RCNTLY REPLACED


3-1783 8/31/79    SANTA MONICA.CA      CESSNA 150           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 30, 107
       TIME - 1400                     N3628V               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 89 IN TYPE,
                                       DAMAGE-SUBSTANTIAL   OT-  0  1  0                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - SANTA MONICA
       DEPARTURE POINT             INTENDED DESTINATION
         SANTA MONICA,CA             LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                   LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PERSONNEL - MISCELLANEOUS-PERSONNEL  DRIVER OF VEHICLE
       REMARKS- COLLIDED W TRUCK CROSSING RWY.


3-1782 8/31/79    PLEASANT GROVE.CA    PIPER J3             CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 40, 41 TOTAL
       TIME - 1830                     N40615               PX-  0  0  0  TRAINING                      HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         YUBA CITY,CA.               LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         STALL                                                   LANDING  TRAFFIC PATTERN-CIRCLING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE   DATE          LOCATION           AIRCRAFT DATA       INJURIES      FLIGHT                                 PILOT DATA
                                                             F  S M/N     PURPOSE
3-1796 9/14/79    MERCED,CA             BEDE BD-5J          CR-  0  0  1  MISCELLANEOUS
       TIME - 0922                      N177RB              PX-  0  0  0  TEST                      PRIVATE, AGE 37, 72 TOTAL
                                        DAMAGE-SUBSTANTIAL                                          HOURS, 1 IN TYPE, NOT
       NAME OF AIRPORT - MERCED MUNICIPAL                                                           INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         MERCED,CA                     LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         HARD LANDING                                            LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                          LANDING  LEVEL OFF/TOUCHDOWN
       PROBABLE CAUSE(S)
         PERSONNEL - PRODUCTION-DESIGN-PERSONNEL  OTHER
         SYSTEMS - FLIGHT CONTROL SYSTEMS  WING FLAP CONTROL SYSTEM MECHANICAL
         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- EXCESSIVE WEAR,FLAP HANDLE PIN,MATING HOLES,FLAPS RETRACTED,LNDD SHORT,70 HRS TT.

3-1798 9/16/79    SACRAMENTO,CA         PIPER PA-34         CR-  0  0  1  NONCOMMERCIAL
       TIME - 1850                      N3953X              PX-  0  0  3  PLEASURE/PERSONAL TRANSP  COMMERCIAL, AGE 30, 1225
                                        DAMAGE-SUBSTANTIAL                                          TOTAL HOURS, 12 IN TYPE,
       NAME OF AIRPORT - SACRAMENTO EXEC                                                            INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         LONG BEACH,CA                 SACRAMENTO,CA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         HARD LANDING                                            LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                          LANDING  ROLL
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- PORPOISED AFTER INITIAL TOUCH DWN.

3-1534 1/27/79    ASPEN,CO              BEECH M35           CR-  0  0  1  NONCOMMERCIAL
       TIME - 1319                      N9896R              PX-  0  0  2  PLEASURE/PERSONAL TRANSP  PRIVATE, AGE 32, 892
                                        DAMAGE-SUBSTANTIAL                                          TOTAL HOURS, 75 IN TYPE,
       NAME OF AIRPORT - PITKIN CO                                                                  NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         DENVER,CO                     ASPEN,CO
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         HARD LANDING                                            LANDING  GO-AROUND
         COLLIDED WITH  SNOWBANK                                 LANDING  GO-AROUND
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SNOW WINDROWS
       REMARKS - PLT THOUGHT GEAR WAS UP.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1539	2/15/79 TIME - 0430	AURORA,CO	CESSNA 150K N6445G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 392 TOTAL HOURS, 269 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - COLUMBINE
DEPARTURE POINT — AURORA,CO
INTENDED DESTINATION — CHILDRESS,TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - WEATHER PERSONNEL INADEQUATE/INCORRECT WEATHER BRIEFING
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
MISCELLANEOUS ACTS,CONDITIONS - ICE-WINDSHIELD
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE — ZERO
PRECIPITATION AT ACCIDENT SITE — FREEZING RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — GROUND FOG
TEMPERATURE-F — 15
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — VFR
REMARKS- ENCOUNTERED ICING CONDS 100FT AGL AFTR TKOF.AIRMETS BRAVO 2 & DELTA 2 NOT GIVEN TO PLT BY FSS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1544	3/2/79 TIME - 1802	LIMON,CO	CESSNA 210 N761MV DAMAGE-DESTROYED INTENDED DESTINATION DENVER,CO	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 28, 4200 TOTAL HOURS, 1682 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  COFFEYVILLE,KS
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED

PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
  BROKEN
VISIBILITY AT ACCIDENT SITE
  1/2 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  BLOWING SNOW
TYPE OF WEATHER CONDITIONS
  IFR
FIRE AFTER IMPACT
REMARKS- PIC PRESUMED.RECOVERY DATE 3/4/79.

CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  SNOW SHOWERS, FREEZING RAIN
TEMPERATURE-F
  33
TYPE OF FLIGHT PLAN
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1538	3/9/79 TIME - 2110	NR.ENGLEWOOD,CO	CESSNA 177 N13757 DAMAGE-SUBSTANTIAL INTENDED DESTINATION ENGLEWOOD,CO	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 275 TOTAL HOURS, 28 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  WINFIELD,KS
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH WIRES/POLES

PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

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FILE   DATE         LOCATION             AIRCRAFT DATA         INJURIES      FLIGHT                              PILOT DATA
                                                                F  S M/N     PURPOSE

3-1532 4/18/79    FIRESTONE,CO          BEECH C45H          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 35,
       TIME - 1900                      N6495D              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      UNK/NR TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                              UNK/NR IN TYPE, NOT
                                                                                                        INSTRUMENT RATED.
       NAME OF AIRPORT - FIRESTONE
       DEPARTURE POINT              INTENDED DESTINATION
         MINOT,ND                     FIRESTONE,CO
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             LANDING  FINAL APPROACH
         COLLIDED WITH  FENCE,FENCEPOSTS                           LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1537 5/12/79    BROOMFIELD,CO         CESSNA 152          CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 23, 17 TOTAL
       TIME - 1933                      N65440              PX-  0  0  0  TRAINING                      HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
       NAME OF AIRPORT - JEFFERSON CO.
       DEPARTURE POINT              INTENDED DESTINATION
         BROOMFIELD,CO                LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  TAKEOFF  ABORTED
         COLLIDED WITH  FENCE,FENCEPOSTS                           TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING


3-1526 5/13/79  NR.COLORADO SPR.CO      SCHWEIZER 1-35      CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE UNK/NR, 56
       TIME - 1330                      N2739H              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 6 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         WESTCLIFF,CO                 LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                     LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- GLIDER-COLLIDED WITH ROCKS AFTER LOOSING THERMAL LIFT.
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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                             PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1535  5/24/79    AKRON,CO               CESSNA 172             CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 23, 476
        TIME - 2112                       N46288                 PX-  0  0  3  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 310 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - AKRON
        DEPARTURE POINT                 INTENDED DESTINATION
          AKRON,CO                        ENGLEWOOD,CO
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          NOSE OVER/DOWN                                                TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND


3-1540  6/12/79    ECKLEY,CO              HUGHES 269C            CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 43, 8875
        TIME - 1345                       N7472F                 PX-  0  0  0  ASSOC CROP CTL ACTIVITY       TOTAL HOURS, 425 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          ECKLEY,CO                       HOLYOKE,CO
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          ROLL OVER                                                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- ENGINE EXHAUST VALVE MISSING ON NUMBER 3 CYL.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1543	6/18/79 TIME - 0700	NR.CENTER,CO	CESSNA T188C N2167J DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 51, 25000 TOTAL HOURS, 5000 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
CENTER,CO
INTENDED DESTINATION
LOCAL

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES

PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 8000
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 7603
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- PILOT INADVERTENTLY CLOSED THROTTLE INSTEAD OF SPRAY VALVE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1525	6/22/79 TIME - 1040	FALCON,CO	MOONEY M20C N6776V DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 56, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.

NAME OF AIRPORT - MEADOWLAKE
DEPARTURE POINT
FALCON,CO
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
WEATHER - HIGH TEMPERATURE
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
330
TYPE OF WEATHER CONDITIONS
IFR
FIRE AFTER IMPACT
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
88
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE
REMARKS- BOTH OCCUPANTS DIED FROM BURNS RECEIVED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1522	6/23/79 TIME - 0730	ELBERT,CO	PIPER PA-23 N4128P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 54, 1956 TOTAL HOURS, 293 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FLYING LAZY D
DEPARTURE POINT
ELBERT,CO
INTENDED DESTINATION
OKLAHOMA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - INCORRECT TRIM SETTING
REMARKS- RUDDER TRIM FULL NOSE LEFT.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                      PILOT DATA
                                                              F  S M/N     PURPOSE

3-1524  6/24/79    CENTER,CO           PIPER PA-25          CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 27, 455
        TIME - 0800                     N7591Z               PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 116 IN TYPE,
                                        DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          CENTER,CO                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  SPIN                                               IN FLIGHT  PROCEDURE TURNAROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  165                        KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - GRAIN FIELDS                               TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          GLOVES - NOT USED                                         GOGGLES - NOT USED
          CRASH HELMET - AVAILABLE USED                             COCKPIT CRASHPAD - NOT INSTALLED
          CRASH BAR - INSTALLED                                     TANK/HOPPER-LOCATION - FORWARD OF PILOT
          TERRAIN-TYPE - LEVEL,FLAT                                 ELEVATION-AREA BEING TREATED-FEET -  7600
          SWATH RUN-HOW FLOWN - CROSSWIND


3-1542  6/24/79    LINDON,CO           CESSNA 172           CR-  0  0  1  NONCOMMERCIAL              AIRLINE TRANSPORT, AGE
        TIME - 1830                     N39200               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   47, 20402 TOTAL HOURS,
                                        DAMAGE-DESTROYED                                              4110 IN TYPE, INSTRUMENT
                                                                                                      RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          RUSSELL,KS                   DENVER,CO
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  FENCE,FENCEPOSTS                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1541	7/1/79 TIME - 1335	ENGLEWOOD,CO	PIPER PA-28R N15ORL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 541 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARAPAHOE COUNTY
DEPARTURE POINT
ENGLEWOOD,CO
INTENDED DESTINATION
IMPERIAL,NB
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - WIND SHEAR
WEATHER - THUNDERSTORM ACTIVITY

SKY CONDITION
BROKEN
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
135
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
10000
PRECIPITATION AT ACCIDENT SITE
RAIN, THUNDERSTORM
RELATIVE BEARING OF WIND
RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE

REMARKS- THUNDERSTORM MOVING OVER AIRPORT AT TIME OF TAKEOFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1536	7/7/79 TIME - 1730	NR.SEDALIA,CO	CESSNA 150 N45324 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 47, 1464 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LITTLETON
DEPARTURE POINT
SEDALIA,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
WEATHER - SUDDEN WINDSHIFT

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- DA APROX 8600FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1530	7/7/79 TIME - 1300	NR.GENOA,CO	PIPER PA-25 N63497 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 33, 698 TOTAL HOURS, 62 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GENOA,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
WEATHER - LOCAL WHIRLWIND
TERRAIN - HIGH VEGETATION
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 62
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 4650
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1529	7/10/79 TIME - 1530	COLORADO SPGS,CO	SCHWIEZER SGS232 N2421W DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 32, 15 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BLACKFOREST
DEPARTURE POINT
COLORADO SPGS,CO
INTENDED DESTINATION
COLORADO SPGS,CO
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
FACTOR(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
REMARKS- DIVE BRAKES OBSERVED 1/2 OPEN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1523	7/12/79 TIME - 0900	VINELAND.CO	HUGHES 269A N8764F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 1605 TOTAL HOURS, 266 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
VINELAND.CO
TYPE OF ACCIDENT
HARD LANDING

INTENDED DESTINATION
VINELAND.CO

PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
FACTOR(S)
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
270
TYPE OF WEATHER CONDITIONS
VFR

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1605
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 4700
PROCEDURE TURNAROUND - THIRD 1/3 TURN

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL.FLAT
SWATH RUN-HOW FLOWN - UPWIND

REMARKS- SETTLING INTO WIRES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1523	7/21/79 TIME - 0700	NR.BERTHOUD.CO	CESSNA 150 N18660 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 655 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BROOMFIELD.CO
TYPE OF ACCIDENT
STALL MUSH

INTENDED DESTINATION
KREMMLING.CO

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
MISCELLANEOUS ACTS.CONDITIONS - FLEW INTO BLIND CANYON

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1533	7/23/79 TIME - 2010	NR.CASTLE ROCK,CO	GREAT LAKES 2T N771VY DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 25, 888 TOTAL HOURS, 17 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ARAPAHOE COUNTY,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
TERRAIN - LOOSE GRAVEL
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ALTERNATE AIR DOOR BROKEN-PIECES OBSTRUCTED AIR FLOW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1531	8/1/79 TIME - 1000	ENGLEWOOD,CO	CESSNA 152 N757JG DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 31, 18 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARAPAHOE COUNTY
DEPARTURE POINT
ENGLEWOOD,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1527	8/12/79 TIME - 1210	FREDERICK,CO	CESSNA 182 N9020T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 123 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FREDERICK
DEPARTURE POINT
MANITA,UT
INTENDED DESTINATION
FREDERICK,CO
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1547	5/16/79 TIME - 2120	EAST HAVEN,CT	PIPER PA-28 N95446 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 24, 352 TOTAL HOURS, 185 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TWEED-NEW HAVEN
DEPARTURE POINT
BRIDGEPORT,CT
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
EAST HAVEN,CT
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH ELECTRONIC TOWERS
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- NR 4 CYL EX VALVE BROKEN.STRUCK TV ANTENNA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1548	6/20/79 TIME - 1850	BRISTOL,CT	CESSNA 152 N49009 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 1100 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PLAINVILLE,CT
INTENDED DESTINATION
MERIDEN,CT
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
30
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
83
WIND VELOCITY-KNOTS
7
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1680	1/12/79 TIME - 2015	NR.ORLANDO,FL	CESSNA 150M N9278U DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 32, 63 TOTAL HOURS, 61 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PAHOKEE,FL
INTENDED DESTINATION
ORLANDO,FL
LAST ENROUTE STOP
BESINGER,FL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - THUNDERSTORM ACTIVITY
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
RAIN, THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- URIN ALCOHOL LEVEL 0.067%

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1672	2/5/79 TIME - 2354	NR.MIAMI,FL	PIPER PA-23 N6608Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 40, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU-MENT RATED.

NAME OF AIRPORT - NEW TAMIAMI
DEPARTURE POINT
MIAMI,FL
INTENDED DESTINATION
KEY WEST,FL
TYPE OF ACCIDENT
FIRE OR EXPLOSION IN FLIGHT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING OTHER

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (OWNER PERSONNEL)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)
POWERPLANT - LUBRICATING SYSTEM LINES,HOSES,FITTING
MISCELLANEOUS ACTS,CONDITIONS - UNDER TORQUED
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ATEMPG RETURN ARPT AFT RESTART OF ENG W PREV FIRE.B NOT ABOVE TURBOCHARGER FINGER TIGHT.

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FILE   DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N      PURPOSE
3-1669 2/28/79   WINTER HAVEN,FL      PIPER PA-23         CR-  0  1  0  NONCOMMERCIAL                 COMMERCIAL, FL.INSTR.,
       TIME - 0845                    N3148P              PX-  0  0  1  BUSINESS                      AGE 27, 594 TOTAL HOURS,
                                      DAMAGE-DESTROYED    OT-  0  0  1                                5 IN TYPE, INSTRUMENT
     NAME OF AIRPORT - GILBERT FIELD                                                                  RATED.
     DEPARTURE POINT                INTENDED DESTINATION
       WINTER HAVEN,FL                LANTANA,FL
     TYPE OF ACCIDENT                                                PHASE OF OPERATION
       ENGINE FAILURE OR MALFUNCTION                                   TAKEOFF  INITIAL CLIMB
       STALL                                                           TAKEOFF  INITIAL CLIMB

     PROBABLE CAUSE(S)
       PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
       MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
     FACTOR(S)
       PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
     PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
     EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
     FIRE AFTER IMPACT
     REMARKS- PLT USED FULL CARB HEAT ON LEFT ENG FOR TAKEOFF-CRASHED IN MOBILE HOME PARK DAMAGING 3 RESIDENCES

3-1777 3/17/79  NR.FT.MCCOY,FL        PIPER PA-23         CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 27, 394
       TIME - 1030                    N25TD               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 10 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
     DEPARTURE POINT                INTENDED DESTINATION
       FT.MCCOY,FL                    GAINESVILLE,FL
     TYPE OF ACCIDENT                                                PHASE OF OPERATION
       COLLIDED WITH  TREES                                            TAKEOFF  ABORTED

     PROBABLE CAUSE(S)
       PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
     FACTOR(S)
       TERRAIN - SANDY

3-1671 3/1?/79  NR.OCHOPEE,FL         CESSNA 152          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 20, 228
       TIME - 1355                    N49967              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, ALL IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
     DEPARTURE POINT                INTENDED DESTINATION           LAST ENROUTE STOP
       TAMIAMI,FL                     RETURN                         FT.WALTON BEACH,FL
     TYPE OF ACCIDENT                                              PHASE OF OPERATION
       NOSE OVER/DOWN                                                LANDING  LEVEL OFF/TOUCHDOWN

     PROBABLE CAUSE(S)
       PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
     FACTOR(S)
       TERRAIN - WET,SOFT GROUND
     REMARKS- LANDED ON UNPREPARED SURFACE FOR UNDET REASON.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1681	3/25/79 TIME - 1345	NR.MIAMI,FL	BELL 47G N514SF DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 69, 9000 TOTAL HOURS, 700 IN TYPE, NOT INSTRU-MENT RATED.

NAME OF AIRPORT - WATSON ISLAND
DEPARTURE POINT: MIAMI,FL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ROLL OVER
PHASE OF OPERATION: TAKEOFF VERTICAL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
WIND VELOCITY-KNOTS: 20
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- CONDUCTING SIGHTSEEING TOURS.WIND GUSTS TO 30KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1679	4/5/79 TIME - 1843	ST PETERSBURG,FL	BEECH 35A33 N8488 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 775 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: NEWPORT RICHEY,FL
INTENDED DESTINATION: ST PETERSBURG,FL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION: IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN

SKY CONDITION: BROKEN/LOWER SCATTERED
CEILING AT ACCIDENT SITE: 900
VISIBILITY AT ACCIDENT SITE: 4 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE: RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: NONE

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FILE    DATE          LOCATION          AIRCRAFT DATA       INJURIES        FLIGHT                            PILOT DATA
                                                             F  S M/N        PURPOSE

3-1670  4/6/79   NR.CLEWISTON,FL       GRUMMAN G-164A      CR-  1  0  0  COMMERCIAL                  COMMERCIAL, AGE 29, 1700
        TIME - 0815                    N6659               PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 700 IN TYPE,
                                       DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          CLEWISTON,FL                 LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                              IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED      KIND OF OPERATION - FERTILIZING (DUST)
          KIND OF CROP - PASTURE                                  TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                   GLOVES - NOT USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                 TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  19                 SWATH RUN-HOW FLOWN - DOWNWIND
        FIRE AFTER IMPACT
        REMARKS- FLEW SAME FIELD PREVIOUS DAY,UNDER WIRES.


3-1678  4/24/79    NEW SMYRNA,FL       RUTAN VARI VIGGEN   CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 63, 223
        TIME - 1100                    N88RC               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 20 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - NEW SMYRNA BEACH
        DEPARTURE POINT              INTENDED DESTINATION
          NEW SMYRNA,FL                LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GEAR COLLAPSED                                          LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - PRODUCTION-DESIGN-PERSONNEL  OTHER
          AIRFRAME - LANDING GEAR  MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- ALUMINUM RIVETS IN TURNBUCKLES FAILED,BOUGHT FM SURPLUS STORE.


3-1676  5/5/79   NR.EBRO,FL            CESSNA 182          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 40, 150
        TIME - 2140                    N8958X              PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, UNK/NR IN
                                       DAMAGE-DESTROYED                                              TYPE, NOT INSTRUMENT
        DEPARTURE POINT              INTENDED DESTINATION                                            RATED.
          DALTON,GA                    PANAMA CITY,FL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                 LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE          LOCATION             AIRCRAFT DATA          INJURIES      FLIGHT                          PILOT DATA
                                                                   F  S M/N     PURPOSE

3-1778  5/25/79     BUSHNELL,FL           CESSNA 188B         CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 33, 2640
        TIME - 1500                       N6679G              PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, 800 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            UNK/NR INSTRUMENT RATED.
        NAME OF AIRPORT - FLYING J
        DEPARTURE POINT                 INTENDED DESTINATION
          BUSHNELL,FL                     LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 1000                      KIND OF OPERATION - FERRY
          TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC           PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
          GLOVES - NOT USED                                       GOGGLES - NOT USED
          CRASH HELMET - AVAILABLE USED                           COCKPIT CRASHPAD - INSTALLED
          CRASH BAR - INSTALLED                                   TANK/HOPPER-LOCATION - FORWARD OF PILOT


3-1682  6/12/79     FT LAUDERDALE,FL      DOUGLAS DC-3        CR-  2  0  0  MISCELLANEOUS               COMMERCIAL, AGE 49, 8000
        TIME - 0723                       N427W               PX-  0  0  0  UNKNOWN/NOT REPORTED        TOTAL HOURS, UNK/NR IN
                                          DAMAGE-DESTROYED                                              TYPE, NOT INSTRUMENT
        NAME OF AIRPORT - EXECUTIVE                                                                     RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          FT LAUDERDALE,FL               UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  SPIN                                               TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PREMATURE LIFT-OFF
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
        FIRE AFTER IMPACT
        REMARKS- PLT DID NOT HAVE DC-3 TYPE RATING-AIRWORTHINESS CERTIFICATE NOT ISSUED SINCE ACFT IMPORTED TO US.


3-1779  6/18/79     TALLAHASSEE,FL        CESSNA 210M         CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 35, 2479
        TIME - 2003                       N7345M              PX-  0  0  0  AIR TAXI-CARGO              TOTAL HOURS, 205 IN TYPE,
                                          DAMAGE-SUBSTANTIAL  OT-  0  0  1                              INSTRUMENT RATED.
        NAME OF AIRPORT - TALLAHASSEE MUNI
        DEPARTURE POINT                 INTENDED DESTINATION
          TALLAHASSEE,FL                  ATLANTA,GA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH ON GROUND                   TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1779	6/18/79 TIME - 2003	TALLAHASSEE,FL	CESSNA 182Q N735UP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 1500 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TALLAHASSEE MUNI
DEPARTURE POINT: TALLAHASSEE,FL
INTENDED DESTINATION: COVINGTON,GA
TYPE OF ACCIDENT: COLLISION WITH AIRCRAFT BOTH ON GROUND
PHASE OF OPERATION: TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT
REMARKS- ACFT STRUCK FROM BEHIND BY N7345M,SUB DMG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1673	7/5/79 TIME - 1530	HOWEY,FL	BEECH B-55 N99RJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 58, 24220 TOTAL HOURS, 850 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HOWEY IN THE HILL
DEPARTURE POINT: ORLANDO,FL
INTENDED DESTINATION: HOWEY,FL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE / GEAR COLLAPSED
PHASE OF OPERATION: LANDING ROLL / LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1675	7/9/79 TIME - 0750	SEBRING,FL	LOCKHEED T-33 N12420 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 53, 21556 TOTAL HOURS, 39 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SEBRING
DEPARTURE POINT: SEBRING,FL
INTENDED DESTINATION: MEMPHIS,TN
TYPE OF ACCIDENT: COLLIDED WITH ANIMALS
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE
REMARKS- MISTOOK CLOSED 3000FT TAXIWAY FOR RWY.RWYS ALSO HAD TALL GRASS GROWING UP THRU CONCRETE.HIT COWS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1776	7/9/79 TIME - 2010	CLEARWATER,FL	CESSNA 182E N9262X DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 1292 TOTAL HOURS, 113 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLEARWATER EXEC
DEPARTURE POINT INTENDED DESTINATION
LAKELAND,FL CLEARWATER,FL
TYPE OF ACCIDENT PHASE OF OPERATION
COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- ACFT AND ENG SHOWED NO EVIDENCE OF FAILURE-ARTERIOSCLEROTIC OCCLUSION TO 80 PERCENT FOUND ON PLT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1780	7/16/79 TIME - 1030	CLEARWATER,FL	CESSNA 150 N8759G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 108 TOTAL HOURS, 107 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLEARWATER
DEPARTURE POINT INTENDED DESTINATION
CLEARWATER,FL PALM BEACH,FL
TYPE OF ACCIDENT PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB
NOSE OVER/DOWN LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - STUCK
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- EXHAUST VALVE STUCK IN FULL OPEN.LNDD ON RR TRACKS.

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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES     FLIGHT                            PILOT DATA
                                                               F  S M/N    PURPOSE

3-1674  7/21/79  NR.FORT PIERCE,FL     TAYLORCRAFT BL-65    CR-  0  1  0  NONCOMMERCIAL                 STUDENT, AGE 50, 40 TOTAL
        TIME - 0848                    N27673               PX-  0  0  0  PRACTICE                      HOURS, ALL IN TYPE, NOT
                                       DAMAGE-DESTROYED                                                 INSTRUMENT RATED.
        NAME OF AIRPORT - PVT STRIP
        DEPARTURE POINT              INTENDED DESTINATION
         FORT PIERCE,FL                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                    LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   WIND DIRECTION-DEGREES
          NONE                                                      168
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          20                                                        VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- WIND GUSTING TO 30KTS.STU PLT ATMPTD LNDG AT HOME STRIP 1ST TIME W/O INSTRUCTOR ABOARD.


3-1760  3/18/79     LAWRENCEVILLE,GA   PIPER PA-22          CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 46, 109
        TIME - 1130                    N7149B               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 10 IN TYPE,
                                       DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - GWINNETT COUNTY
        DEPARTURE POINT              INTENDED DESTINATION
          LAWRENCEVILLE,GA             LAWRENCEVILLE,GA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      TAXI  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
        REMARKS- HAND PROPPING.


3-1761  6/10/79     MAYDAY,GA          CESSNA 150           CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 30, 34 TOTAL
        TIME - 1330                    N6577F               PX-  0  0  0  TRAINING                      HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          WINTER HAVEN,FL              GAINESVILLE,FL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  DITCHES                                    LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1666	6/13/79 TIME - 2000	NR.PRESTON,GA	BEECH 65 N111WP DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS OTHER	PRIVATE, AGE 31, 333 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
UNKNOWN/NOT REPORTED
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- MARIJUANA AND DRUGS FOUND ON BOARD ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1665	6/24/79 TIME - 1945	GRIFFIN,GA	PIPER PA-23 N4406P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 2153 TOTAL HOURS, 31 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GRIFFIN,GA
INTENDED DESTINATION
COVINGTON,GA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
WHEELS-UP
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ONE COW DESTROYED.LFT FUEL SEL FOUND IN OFF POSITION.LFT AUX TANK FULL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1545	2/7/79 TIME - 1708	PEARL HARBOR,HI	CESSNA 152 N25034 DAMAGE-DESTROYED	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 35, 1100 TOTAL HOURS. 110 IN TYPE, NOT INSTRU-MENT RATED.

NAME OF AIRPORT - FORD ISLAND ALF
DEPARTURE POINT — INTENDED DESTINATION
PEARL HARBOR,HI — LOCAL
TYPE OF ACCIDENT
FIRE OR EXPLOSION IN FLIGHT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
MISC-ACCIDENTAL FIRING OF FLARE PISTOL IN FLT.
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1774	5/21/79 TIME - 1150	NR.ST MARIES,ID	HUGHES 369HS N922MB DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, AGE 34, 2355 TOTAL HOURS, 28 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
POST FALLS,ID — LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT HOVERING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
290
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- DA APRX 7700FT.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
69
WIND VELOCITY-KNOTS
9
TYPE OF FLIGHT PLAN
NONE

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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                                PILOT DATA
                                                               F  S M/N     PURPOSE

3-1664  7/16/79    SLATE CREEK,ID       CESSNA 185          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 34, 536
        TIME - 1930                     N9899X              PX-  0  0  1  BUSINESS                   TOTAL HOURS, 71 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SLATE CREEK
        DEPARTURE POINT              INTENDED DESTINATION
          ENTERPRISE,OR                SLATE CREEK,ID
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
          COLLIDED WITH  FENCE,FENCEPOSTS                             LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- L BRAKE MASTER CYL ANCHOR BRACKETS FAILED.


3-1785  8/4/79     PISTOL CREEK,ID      CESSNA T210M        CR-  1  0  0  COMMERCIAL                 COMMERCIAL, AGE 39, 1878
        TIME - 0930                     N6286B              PX-  5  0  0  AIR TAXI-PASSG             TOTAL HOURS, 95 IN TYPE,
                                        DAMAGE-DESTROYED                                             INSTRUMENT RATED.
        NAME OF AIRPORT - INDIAN CREEK USFS
        DEPARTURE POINT              INTENDED DESTINATION
          BOISE,ID                     INDIAN CREEK,ID
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  TREES                                        IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        FIRE AFTER IMPACT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1663	8/10/79 TIME - 1230	NEWDALE,ID	AIR TRACTOR AT-301 N8791S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 44, 1822 TOTAL HOURS, 417 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NO NAME
DEPARTURE POINT
  NEWDALE,ID
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE
  MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  75
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  LIGHT AND VARIABLE
TYPE OF WEATHER CONDITIONS
  VFR

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 417
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
REMARKS- OVER GROSS WT 1132 PDS. DENSITY ALT 7500FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1624	4/15/79 TIME - 1500	SCHAUMBURG,IL	BEECH BE-19A N69340 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 53, 450 TOTAL HOURS, 382 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SCHAUMBURG
DEPARTURE POINT — MIDWAY,IL
INTENDED DESTINATION — SCHAUMBURG,IL
TYPE OF ACCIDENT
  HARD LANDING
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  15
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  90
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- WIND GUSTING TO 25KTS. MODERATE TURBULENCE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1627	4/17/79 TIME - 1120	LOCKPORT,IL	PIPER PA-38 N9764T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 21, 18 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LEWIS LOCKPORT
DEPARTURE POINT — CHICAGO,IL
INTENDED DESTINATION — LOCKPORT,IL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1628	4/20/79 TIME - 0730	EFFINGHAM,IL	CESSNA A188B N8904G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 25, 509 TOTAL HOURS, 70 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - EFFINGHAM COUNTY
DEPARTURE POINT — INTENDED DESTINATION
EFFINGHAM,IL — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH DITCHES — TAKEOFF ABORTED
NOSE OVER/DOWN — TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
TERRAIN - ROUGH/UNEVEN

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - OTHER
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1745	5/6/79 TIME - 1800	GILLESPIE,IL	CESSNA 152 N68341 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 21, 108 TOTAL HOURS, 58 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
MADISON,WI — CAHOKIA,IL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT NORMAL CRUISE
NOSE OVER/DOWN — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FORCED LNDG IN PLOWED FLD.

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FILE    DATE           LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                                PILOT DATA
                                                                   F  S M/N     PURPOSE

3-1626  5/12/79     ROCKFORD,IL          PITTS S-2A            CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 47, 979
        TIME - 1645                        N7UD                  PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 61 IN TYPE,
                                           DAMAGE-DESTROYED                                                   NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LUND
        DEPARTURE POINT                 INTENDED DESTINATION
          ROCKFORD,IL                     LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          STALL  SPIN                                                 LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-1751  5/15/79     SPARLAND,IL          PITTS S1C             CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 19, 325
        TIME - 1830                        N230K                 PX-  0  0  0  PRACTICE                      TOTAL HOURS, 5 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HUGHES
        DEPARTURE POINT                 INTENDED DESTINATION
          SPARLAND,IL                     LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          UNDERSHOOT                                                  LANDING  FINAL APPROACH
          COLLIDED WITH  TREES                                        LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE


3-1630  5/19/79     FLANAGAN,IL          HUGHES 269B           CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 35, 33 TOTAL
        TIME - 1730                        N9323F                PX-  0  0  0  SOLO                          HOURS, 19 IN TYPE, NOT
                                           DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          FLANAGAN,IL                     LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                       TAKEOFF  VERTICAL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
        REMARKS- COLLIDED W/FUEL STORAGE TANK.
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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                           PILOT DATA
                                                                F  S M/N      PURPOSE

3-1622  5/20/79    NEW LENOX,IL         PIPER PA-28          CR-  0  0  2  INSTRUCTIONAL                  COMMERCIAL, FL.INSTR.,
        TIME - 1430                     N98351               PX-  0  0  0  DUAL                           AGE 67, 4683 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL   OT-  0  0  2                                 1210 IN TYPE, INSTRUMENT
                                                                                                          RATED.
        NAME OF AIRPORT - HOWELL
        DEPARTURE POINT              INTENDED DESTINATION
          CRESTWOOD,IL                LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH ON GROUND                  TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          DUAL STUDENT - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
        REMARKS- FAILED TO MONITOR UNICOM.


3-1622  5/20/79    NEW LENOX,IL         CESSNA 172M          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 48, 191
        TIME - 1430                     N6962H               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, ALL IN TYPE.
                                        DAMAGE-DESTROYED     OT-  0  0  2                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HOWELL
        DEPARTURE POINT              INTENDED DESTINATION         LAST ENROUTE STOP
          CHICAGO,IL                  RETURN                        NEW LENOX,IL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH ON GROUND                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT


3-1724  6/9/79     TAYLORVILLE,IL       GREAT LAKES 2T-1A    CR-  0  1  0  NONCOMMERCIAL                  COMMERCIAL, AGE 52, 1979
        TIME - 1530                     N5998L               PX-  0  1  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 7 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - TAYLORVILLE MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          TAYLORVILLE,IL              LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            TAKEOFF  INITIAL CLIMB
          STALL  SPIN                                              LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        REMARKS- PLT RPRTD LOSS OF ENG PWR AFTER TKOF.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1629	6/13/79 TIME - 1400	GRAYSLAKE,IL	PIPER PA-38 N2466T DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 7960 TOTAL HOURS, 89 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CAMPBELL
DEPARTURE POINT: GRAYSLAKE,IL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: UNDERSHOOT; GEAR COLLAPSED
PHASE OF OPERATION: LANDING FINAL APPROACH; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
DUAL STUDENT - MISJUDGED DISTANCE AND ALTITUDE
DUAL STUDENT - FAILED TO INITIATE GO-AROUND
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1625	6/15/79 TIME - 1715	RUSHVILLE,IL	CESSNA 182H N8516S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 112 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RUSHVILLE CITY
DEPARTURE POINT: RUSHVILLE,IL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH DITCHES
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- FRESHLY CUT GRASS ON R/W.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1735	6/17/79 TIME - 1600	PUTNAM,IL	CESSNA 172 N73592 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 140 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RALPH E.DANIELS
DEPARTURE POINT: WATERLOO,IN
INTENDED DESTINATION: SPRING VALLEY,IL
LAST ENROUTE STOP: PUTNAM,IL
TYPE OF ACCIDENT: OVERSHOOT; COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- COLLIDED W FENCE & HNGR CABLES AT END OF RWY.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                        PILOT DATA
                                                             F  S M/N     PURPOSE

3-1746  6/19/79   LANSING,IL         PIPER PA-38          CR-  0  0  2  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
        TIME - 1530                  N2365N               PX-  0  0  0  DUAL                       AGE 23, 955 TOTAL HOURS,
                                     DAMAGE-SUBSTANTIAL                                            24 IN TYPE, INSTRUMENT
                                                                                                   RATED.
        NAME OF AIRPORT - LANSING MUNI
        DEPARTURE POINT             INTENDED DESTINATION
          LANSING,IL                  LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          UNDERSHOOT                                             LANDING  FINAL APPROACH
          COLLIDED WITH  OBJECT                                  LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS

        SKY CONDITION                                          CEILING AT ACCIDENT SITE
          SCATTERED                                              UNLIMITED
        VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                   NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                RELATIVE BEARING OF WIND
          HAZE                                                   RIGHT QUARTERING HEAD WIND 023-067 DEGREES
        TEMPERATURE-F                                          WIND DIRECTION-DEGREES
          80                                                     135
        WIND VELOCITY-KNOTS                                    TYPE OF WEATHER CONDITIONS
          15                                                     VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- SIMULATED ENG FAIL APPROACH.GUSTS TO 25K.HIT GUARDRAIL.


3-1757  6/22/79   EAST ST LOUIS,IL   AEROSTAR 601P        CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 27, 3950
        TIME - 2251                  N98080               PX-  0  0  6  CORP/EXEC                  TOTAL HOURS, 57 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - BI-STATE
        DEPARTURE POINT             INTENDED DESTINATION
          EAST ST LOUIS,IL            OTTUMWA,IA
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                             TAKEOFF  INITIAL CLIMB
          GEAR COLLAPSED                                         LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  SUSPECTED OR KNOWN AIRCRAFT DAMAGE
                                  PROP/ENGINE VIBRATION
        REMARKS- PLT HAD BEEN ON DUTY SINCE 0800.
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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                              F  S M/N     PURPOSE

3-1623  6/24/79    HARVARD,IL           CESSNA 310G          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 57, 995
        TIME - 2030                     N949R                PX-  0  0  4  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 200 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - DACY
        DEPARTURE POINT             INTENDED DESTINATION
          COLUMBUS,OH                 HARVARD,IL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                               LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  PARKED AIRCRAFT                         LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        FACTOR(S)
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
        REMARKS- SUBS DAMAGE TO CESSNA N9495 AND BEECH 33 N874R. PLT STATED MEDICAL PROBLEM W L FOOT-WEAKER THAN R.


3-1727  7/13/79    POLO,IL              GRUMMAN AA-5B        CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 35, 131
        TIME - 1135                     N28411               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 3 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - RADIO RANCH
        DEPARTURE POINT             INTENDED DESTINATION
          MOLINE,IL                   POLO,IL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                 LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1677	3/4/79 TIME - 1450	MUNSTER,IN	BELLANCA 17-31A N76TV DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 1946 TOTAL HOURS, 61 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LANSING MUNI
DEPARTURE POINT
  TERRA HAUTE,IN
INTENDED DESTINATION
  MUNSTER,IN
TYPE OF ACCIDENT
  STALL
PHASE OF OPERATION
  LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST
EMERGENCY CIRCUMSTANCES - ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  200
TYPE OF WEATHER CONDITIONS
  IFR
REMARKS- WND GUSTING 24 KTS.

CEILING AT ACCIDENT SITE
  1200
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  34
WIND VELOCITY-KNOTS
  12
TYPE OF FLIGHT PLAN
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1565	4/17/79 TIME - 1945	LAFAYETTE,IN	PIPER PA-28 N3661R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 22, 310 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ARETZ AIRPORT
DEPARTURE POINT
  LAFAYETTE,IN
INTENDED DESTINATION
  LAFAYETTE,IN
LAST ENROUTE STOP
  PURDUE,IN
TYPE OF ACCIDENT
  UNDERSHOOT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
  WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  350
TYPE OF WEATHER CONDITIONS
  VFR

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  46
WIND VELOCITY-KNOTS
  10
TYPE OF FLIGHT PLAN
  NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1744	6/13/79 TIME - 0946	ANDERSON,IN	CESSNA 172 N80519 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 47, 29 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ANDERSON MUNI
DEPARTURE POINT
  ANDERSON,IN
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  HARD LANDING
PHASE OF OPERATION
  TAKEOFF RUN
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
  PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
REMARKS- BECAME AIRBORNE AFTER CROSSING DRAINAGE WAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1738	7/10/79 TIME - 2050	TERRA HAUTE,IN	CESSNA 172 N738YH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 144 TOTAL HOURS, 42 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SKY KING
DEPARTURE POINT — INTENDED DESTINATION
MONEE,IL — TERRA HAUTE,IN
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED W EDGE OF LARGE DRAINAGE DITCH.DRG TWILIGHT.LNDG APCH.DITCH LOOKED LIKE ROAD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1564	7/27/79 TIME - 1230	NR.ELKHART,IN	N AMERICAN SNJ-5 N2023 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 1210 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ELKHART MUNICIPAL
DEPARTURE POINT — INTENDED DESTINATION
ELKHART,IN — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - ENGINE STRUCTURE BLOWER,IMPELLER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - BINDING
POWERPLANT - IGNITION SYSTEM SPARK PLUG
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LANDED 1 MILE SHORT OF AIRPORT IN BEAN CROP. ELECTRODES PEENED SHUT ON CYLINDERS 1,5,9,4,7.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1754	8/4/79 TIME - 1900	ROSELAWN,IN	BREEZY DDJ-1 N2780 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 355 TOTAL HOURS, 96 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GRAYSLAKE,IL
INTENDED DESTINATION
ROSELAWN,IN
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - LANDED AT WRONG AIRPORT
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1563	8/5/79 TIME - 1720	DANVILLE,IN	PIPER PA-25 N6209Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 46, 2018 TOTAL HOURS, 410 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
DANVILLE,IN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 410
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 800
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UPWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1552	6/30/79 TIME - 1950	DES MOINES,IA	CESSNA A188 N6299G DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 6508 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PRAIRIE CITY,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 950
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UPWIND
REMARKS- COLLIDED W/WIRES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1554	7/1/79 TIME - 1120	ALGONA,IA	GR LAKES 2T-1A2 N3812F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 1180 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ALGONA MUNI
DEPARTURE POINT
ALGONA,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
STATIC STARTING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- N2393L AND N35088 SUBSTANTIALLY DAMAGED.N7592U MINOR DAMAGE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1553	7/3/79 TIME - 0845	NR.ANTHON,IA	BELL 47-G2 N857 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 351 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ANTHON,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 11
KIND OF CROP - PASTURE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - BELLY
ELEVATION-AREA BEING TREATED-FEET - 1250
PROCEDURE TURNAROUND - THIRD 1/3 TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1550	7/8/79 TIME - 1500	CEDAR FALLS,IA	CESSNA 177A N30444 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 1520 TOTAL HOURS, 1205 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BLUE BIRD AIRPORT
DEPARTURE POINT
CEDAR FALLS,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                                    PILOT DATA
                                                                 F  S M/N     PURPOSE

3-1555 7/10/79    LADORA,IA              PIPER PA-38           CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 33, 247
       TIME - 2000                       N2313A                PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 51 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - HAWKINS FIELD
       DEPARTURE POINT               INTENDED DESTINATION
         LADORA,IA                     IOWA CITY,IA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  TREES                                        TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS


3-1549 7/14/79    LAWTON,IA              CESSNA 180            CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 53, 702
       TIME - 1530                       N4626B                PX-  0  0  2  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 176 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LAWTON
       DEPARTURE POINT               INTENDED DESTINATION
         LEMARS,IA                     LAWTON,IA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         UNDERSHOOT                                                  LANDING  FINAL APPROACH
         COLLIDED WITH  WIRES/POLES                                  LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
       FACTOR(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  UNMARKED OBSTRUCTIONS
       REMARKS- STRUCK POWER LINE.


3-1551 8/17/79    DAVENPORT,IA           PIPER PA-28           CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 30, 174
       TIME - 2230                       N4360F                PX-  0  0  3  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 5 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - DAVENPORT MUNI
       DEPARTURE POINT               INTENDED DESTINATION
         SPRINGFIELD,IL                DAVENPORT,IA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
         NOSE OVER/DOWN                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1740	6/24/79 TIME - 1700	HOXIE,KS	ROCKWELL S2R N5008X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 51, 6050 TOTAL HOURS, 1050 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOXIE MUNI
DEPARTURE POINT — INTENDED DESTINATION
HOXIE,KS — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES

PHASE OF OPERATION
IN FLIGHT EN ROUTE TO RELOADING AREA
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - UNKNOWN/NOT REPORTED
PILOT'S SEAT BELT - NOT FASTENED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT

KIND OF OPERATION - FERRY
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1659	5/7/79 TIME - 1940	RICHMOND,KY	CESSNA 150 N22992 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 40, 9 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RICHMOND BEREA
DEPARTURE POINT — INTENDED DESTINATION
RICHMOND,KY — LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
PERSONNEL - FLIGHT INSTRUCTOR INADEQUATE TRAINING OF STUDENT
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
TYPE OF FLIGHT PLAN
NONE

REMARKS- SECOND STUDENT SOLO.DRIFTED LEFT INTO 30FT HIGH TREES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1662	5/17/79 TIME - 1850	BEREA,KY	CESSNA 150 N4684X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 39, 21 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BEREA RICHMOND
DEPARTURE POINT — BEREA,KY
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
REMARKS- PILOT PULLED OFF POWER TOO EARLY IN APPROACH.NOSE WHEEL SEPARATED ON TOUCHDOWN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1658	5/18/79 TIME - 0700	PIRATES COVE,KY	CESSNA 210 N11890 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 883 TOTAL HOURS, 306 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PIRATES COVE
DEPARTURE POINT — PIRATES COVE,KY
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
REMARKS- PILOT FAILED TO TURN OFF LFT MAG BEFORE PULLING PROP THRU BY HAND.ENG STARTED & AC TK OFF W/O PLT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1661	6/22/79 TIME - 1830	HAZARD,KY	PIPER PA-28 N40977 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 91 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HAZARD
DEPARTURE POINT — COLUMBUS,OH
INTENDED DESTINATION — COLUMBUS,GA
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
  MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
FACTOR(S)
  WEATHER - RAIN
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
  ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION — OVERCAST
CEILING AT ACCIDENT SITE — 3500
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — TAIL WIND 158-202 DEGREES
WIND DIRECTION-DEGREES — 180
WIND VELOCITY-KNOTS — 12
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1660	7/17/79 TIME - 1915	LOUISVILLE,KY	CESSNA 172 N18171 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 49, 2479 TOTAL HOURS, 1855 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — LOUISVILLE,KY
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- SIM FORCED LDG.HIT UNMARKED WIRE STRUNG DIAGONALLY ACROSS FIELD.

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FILE   DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                           PILOT DATA
                                                             F  S M/N      PURPOSE

3-1585 5/10/79   OAKLAND,MD             PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 36, 672
       TIME - 1315                      N56112               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 56 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
       NAME OF AIRPORT - GARRETT COUNTY
       DEPARTURE POINT                INTENDED DESTINATION
         OAKLAND,MD                     PITTSBURG,PA
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                        TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
         TERRAIN - ROUGH/UNEVEN
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
       EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                 SUSPECTED MECHANICAL DISCREPANCY
       REMARKS- PLT SAID ENG ROUGHNESS AFTER TKOF,ABORTED WITH INSUF RWY REMAIN.HIT ROCKS BYD OVRRUN.ENG TEST OKAY


3-1584 6/16/79    NAYLOR,MD             PIPER J-3            CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 55, 1175
       TIME - 1330                      N1500N               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - DUVALLS FARM
       DEPARTURE POINT                INTENDED DESTINATION
         NAYLOR,MD                      LOCAL
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         STALL                                                        TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         WEATHER - SUDDEN WINDSHIFT

       SKY CONDITION                                               CEILING AT ACCIDENT SITE
         CLEAR                                                       UNLIMITED
       VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                        NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
         NONE                                                        64
       WIND DIRECTION-DEGREES                                      WIND VELOCITY-KNOTS
         180                                                         7
       TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
         VFR                                                         NONE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1583	7/17/79 TIME - 0950	OCEAN CITY,MD	BELLANCA 7GCBC N11718 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 37, 9519 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OCEAN CITY
DEPARTURE POINT: OCEAN CITY,MD
INTENDED DESTINATION: OCEAN CITY,MD
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1582	7/31/79 TIME - 1700	TANEYTOWN,MD	PIPER J5A N33415 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 237 TOTAL HOURS, 146 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: TANEYTOWN,MD
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- WORN VALVE/SEATS.FORCED LDG INTO FARM FLD.STRUCK WIRES ON FINAL APCH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1667	6/7/79 TIME - 1917	BOXBORO,MA	STARDUSTER SA-300 N33MH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 420 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MINUTEMAN
DEPARTURE POINT — BOXBORO,MA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- INVERTED FUEL VENT TUBE PLUGGED WITH MUD AND WASP LARVAE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1668	7/10/79 TIME - 1600	MIDDLEBORO,MA	CESSNA 150M N66349 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 54, 42 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MIDDLEBORO
DEPARTURE POINT — MIDDLEBORO,MA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1749	6/3/79 TIME - 1430	NAPOLEON,MI	PIPER J3L N26769 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 2000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MAULE
DEPARTURE POINT — NAPOLEON,MI
INTENDED DESTINATION — EATON RAPIDS,MI
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  STALL
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
  POWERPLANT - FUEL SYSTEM SELECTOR VALVES
  MISCELLANEOUS ACTS,CONDITIONS - BINDING
  MISCELLANEOUS ACTS,CONDITIONS - FUEL SELECTOR POSITIONED BETWEEN TANKS
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
FIRE AFTER IMPACT
REMARKS- FUEL SHUTOFF VALVE PN 70781. PILOT ATTEMPTED 180 25 FT ABOVE GROUND LEVEL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1748	6/24/79 TIME - 1815	PONTIAC,MI	HUGHES 269A N8863F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 35, 1381 TOTAL HOURS, 32 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OAKLAND PONTIAC
DEPARTURE POINT — PONTIAC,MI
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  ROLL OVER
PHASE OF OPERATION
  LANDING TRAFFIC PATTERN-CIRCLING
  LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
REMARKS- HEL LND IN GRAVEL PIT & SLID DWN INCLINE.PLT STATED DAMAGE OCCURRED WHEN HEL SLID TO STOP.

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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES     FLIGHT                         PILOT DATA
                                                              F  S M/N    PURPOSE
3-1726 7/15/79    AU GRES,MI            GRUM-AMER AA-5       CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 52, 600
       TIME - 2120                      N7104L               PX-  0  0  2  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 102 IN TYPE,
                                        DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - AU GRES
       DEPARTURE POINT               INTENDED DESTINATION       LAST ENROUTE STOP
         MACKINAC IS,MI                FLUSHING,MI                AU GRES,MI
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLIDED WITH  DITCHES                                   TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
       FIRE AFTER IMPACT
       REMARKS- FULL FLAP TKOF.2200 FT RWY.

3-1747 7/22/79    PETERSBURG,MI         PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 23, 33 TOTAL
       TIME - 2245                      N40923               PX-  0  0  3  PLEASURE/PERSONAL TRANSP      HOURS, ALL IN TYPE, NOT
                                        DAMAGE-DESTROYED                                                 INSTRUMENT RATED.
       NAME OF AIRPORT - LADA
       DEPARTURE POINT               INTENDED DESTINATION
         HUBBARD LAKE,MI               LAMBERTVILLE,MI
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            LANDING  TRAFFIC PATTERN-CIRCLING
         COLLIDED WITH  TREES                                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

3-1729 7/23/79    KALAMAZOO,MI          PIPER PA-30          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 51, 1178
       TIME - 2207                      N8173Y               PX-  0  0  0  BUSINESS                      TOTAL HOURS, 486 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - KALAMAZOO MUNI
       DEPARTURE POINT               INTENDED DESTINATION
         GREEN BAY,WI                  KALAMAZOO,MI
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
       FACTOR(S)
         SYSTEMS - ELECTRICAL SYSTEM  PROTECTIVE DEVICES
         MISCELLANEOUS ACTS,CONDITIONS - CIRCUIT BREAKER POPPED
       REMARKS- LNDG GEAR CKT BRKR POPPED FOR UNKN RSN.INDICATOR LIGHTS DIM WHEN PANEL LIGHTS ON.
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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                          PILOT DATA
                                                                 F  S M/N       PURPOSE

3-1755 7/26/79   FLINT,MI               VARIVIGGIN            CR-  0  1  0  NONCOMMERCIAL               PRIVATE, AGE 61, 150
       TIME - 1602                      N29X                  PX-  0  0  0  PRACTICE                    TOTAL HOURS, 0 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - FLINT-BISHOP
       DEPARTURE POINT              INTENDED DESTINATION
         FLINT,MI                     LOCAL
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         STALL  MUSH                                           TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
         PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
       REMARKS- ACFT EQUIPPED W CANARD.NOSED UP WHEN PWR WAS REDUCED DRG PITCH-UP.

3-1772 8/16/79  NR.HART,MI              BELL 47G-2            CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 47, 5688
       TIME - 1200                      N4734S                PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 649 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        HART,MI                       LOCAL
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                            IN FLIGHT  PROCEDURE TURNAROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -  300                    KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - OTHER                                  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                 GLOVES - NOT USED
         GOGGLES - NOT USED                                    CRASH HELMET - AVAILABLE-NOT USED
         COCKPIT CRASHPAD - NOT INSTALLED                      CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - SIDES                          TERRAIN-TYPE - LEVEL.FLAT
         ELEVATION-AREA BEING TREATED-FEET -  910              SWATH RUN-HOW FLOWN - CROSSWIND
         PROCEDURE TURNAROUND - THIRD 1/3 TURN
       REMARKS- COLLIDED W PWR LINE WHILE SPRAYING CUCUMBERS.

3-1731 8/19/79    MANCHESTER,MI         LARK 2882             CR-  0  0  2  INSTRUCTIONAL               COMMERCIAL, FL.INSTR.,
       TIME - 1530                      N74NS                 PX-  0  0  0  DUAL                        AGE 58, 1700 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                              25 IN TYPE, NOT INSTRU-
                                                                                                        MENT RATED.
       NAME OF AIRPORT - ROSSETTIE
       DEPARTURE POINT              INTENDED DESTINATION
         MANCHESTER,MI                LOCAL
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED               LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - EXERCISED POOR JUDGMENT
       REMARKS- IP RELEASED TOW ROPE AT 150-200 FT ON TKOF TO SIMULATE ROPE BREAK.
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FILE   DATE        LOCATION           AIRCRAFT DATA        INJURIES     FLIGHT                        PILOT DATA
                                                            F  S M/N    PURPOSE

3-1730 8/19/79     JACKSON,MI         MAULE M-5          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 47, 1496
       TIME - 1400                    N359X              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 520 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - LOCKWOOD STRIP
       DEPARTURE POINT              INTENDED DESTINATION
         ANN ARBOR,MI                 JACKSON,MI
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         UNDERSHOOT                                               LANDING  FINAL APPROACH
         COLLIDED WITH  WIRES/POLES                               LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  UNMARKED OBSTRUCTIONS
       REMARKS- COLLIDED W WIRE ON FINAL APCH,340 FT FROM RWY.

3-1656 5/19/79     GAYLORD,MN         PIPER PA-25        CR-  1  0  0  COMMERCIAL                    COMMERCIAL, AGE 24, 522
       TIME - 0630                    N70152             PX-  0  0  0  AERIAL APPLICATION            TOTAL HOURS, 37 IN TYPE,
                                      DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         GAYLORD,MN                   LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLIDED WITH  TREES                                     IN FLIGHT  PULLUP FROM SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED CLEARANCE
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -   65                     KIND OF OPERATION - FERTILIZING (LIQUID)
         KIND OF CROP - CORN                                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                  GLOVES - USED
         GOGGLES - NOT USED                                     CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                           CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  1060              SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
       FIRE AFTER IMPACT

3-1653 6/3/79      RUSH CITY,MN       LUSCOMBE 8A        CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 26, 68 TOTAL
       TIME - 0830                    N45813             PX-  0  0  0  PLEASURE/PERSONAL TRANSP      HOURS, ALL IN TYPE, NOT
                                      DAMAGE-DESTROYED                                               INSTRUMENT RATED.
       NAME OF AIRPORT - RUSH CITY MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         ISLE, MN                     RUSH CITY,MN
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                              LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         SYSTEMS - FLIGHT CONTROL SYSTEMS  RUDDER AND RUDDER TAB CONTROL SYSTEM
         MISCELLANEOUS ACTS,CONDITIONS - FRAYED
       REMARKS- RIGHT RUDDER CABLE BROKE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1657	6/28/79 TIME - 1926	NR.DONALDSON,MN	CESSNA A188B N8239G DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 2970 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: STEPHEN,MN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2970
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 820
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- FLYING UNDER WIRES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1654	7/17/79 TIME - 1430	ROSEAU,MN	PIPER PA-25 N9750P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 33, 1500 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: ROSEAU,MN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH CROP
PHASE OF OPERATION: IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 400
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1000
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

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FILE   DATE        LOCATION          AIRCRAFT DATA         INJURIES     FLIGHT                              PILOT DATA
                                                           F  S M/N     PURPOSE
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3-1652 7/17/79     ST CLOUD,MN       CESSNA 150          CR- 0  0  2  INSTRUCTIONAL                 COMMERCIAL, FL.INSTR.,
       TIME - 1455                   N714MP              PX- 0  0  0  DUAL                          AGE 20, 749 TOTAL HOURS,
                                     DAMAGE-SUBSTANTIAL                                             363 IN TYPE, INSTRUMENT
       NAME OF AIRPORT - ST CLOUD MUNI                                                              RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         ST CLOUD,MN                  LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         STALL  SPIN                                            LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-1655 8/5/79      FEDERAL DAM,MN    BELLANCA 8GCBC      CR- 0  0  1  NONCOMMERCIAL
       TIME - 1600                   N76955              PX- 0  0  2  PLEASURE/PERSONAL TRANSP      PRIVATE, AGE 53, 1500
                                     DAMAGE-SUBSTANTIAL                                             TOTAL HOURS, 100 IN TYPE,
       DEPARTURE POINT              INTENDED DESTINATION                                            NOT INSTRUMENT RATED.
         FEDERAL DAM,MN               LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         STALL                                                  TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - PREMATURE LIFT-OFF
       REMARKS- FLOAT EQUIPPED.


3-1759 5/21/79     NR.GREENVILLE,MS  CESSNA 152          CR- 1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 21, 138
       TIME - 1725                   N25356              PX- 1  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 16 IN TYPE,
                                     DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         GREENVILLE,MS                LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         STALL                                                  IN FLIGHT  BUZZING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1611	6/6/79 TIME - 1800	NR.OWENSVILLE,MO	GRUMMAN AA-5B N28467 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 23, 430 TOTAL HOURS, 340 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — OWENSVILLE,MO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - HIGH VEGETATION
FIRE AFTER IMPACT
REMARKS- OFF AIRPORT OPERATION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1613	6/9/79 TIME - 0730	NR.BELL CITY,MO	GRUMMAN G-164A N7499 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 2550 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — BELL CITY,MO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL
PHASE OF OPERATION — IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2000
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 320
PROCEDURE TURNAROUND - THIRD 1/3 TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1614	7/3/79 TIME - 0940	AVA,MO	MOONEY M20C N6668R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 54, 2017 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - AVA MUNI
DEPARTURE POINT — AVA,MO
INTENDED DESTINATION — FT WAYNE,IN
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION — TAKEOFF RUN; TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
REMARKS- PLT STATED PARALYZED LEG CONTACTED RUDDER PEDAL DURING TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1610	7/9/79 TIME - 1826	CLINTON,MO	PIPER PA-22 N4707C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 145 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLINTON MEMORIAL
DEPARTURE POINT
CLINTON,MO
INTENDED DESTINATION
EL DARADO,KS
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
40
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
90
WIND VELOCITY-KNOTS
8
TYPE OF FLIGHT PLAN
VFR

REMARKS- DA 3000FT.PILOT STATED USE OF 40 DEG FLAPS AT TKF.FLIGHT MANUAL STATES 0 DEG AT TKF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1612	7/21/79 TIME - 1630	NR.WARRENSBURG,MO	PIPER PA-17 N4894H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 710 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WARRENSBURG,MO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
AIRFRAME - FLIGHT CONTROL SURFACES ELEVATOR ASSEMBLY,ATTACHMENTS
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
SUSPECTED MECHANICAL DISCREPANCY
AIRFRAME BUFFET
REMARKS- COLLIDED W ROAD SIGN.ELEVATOR SURFACE COULD BE DEFLECTED UP & DOWN 3IN DURING STATIC TEST.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1621	7/31/79 TIME - 1630	NEELYVILLE,MO	GRUMMAN G-164 N701Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 53, 2646 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BENTON
DEPARTURE POINT — NEELYVILLE,MO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — NOSE OVER/DOWN
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1304
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
REMARKS- PLT STATED THROTTLE WOULD NOT RETARD TO IDLE DRG LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1616	8/1/79 TIME - 0910	NR.PISCO,MO	GRUMMAN G-164A N8499 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 8520 TOTAL HOURS, 4500 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — RISCO,MO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH CROP
PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 4500
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 300
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1619	8/10/79 TIME - 1800	THEODOSIA,MO	BEECH F35 N42338 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 68, 768 TOTAL HOURS, 271 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LOST MINE
DEPARTURE POINT
MEMPHIS,TN
INTENDED DESTINATION
THEODOSIA,MO
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
LANDING: FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1620	8/12/79 TIME - 1545	GAINESVILLE,MO	PIPER PA-28 N6546J DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 280 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GAINESVILLE MEMOR
DEPARTURE POINT
MOUNTAIN HOME,AR
INTENDED DESTINATION
GAINESVILLE,MO
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING: LEVEL OFF/TOUCHDOWN
LANDING: GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1615	8/19/79 TIME - 1410	NR.ODESSA,MO	CESSNA 150 N16025 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 24, 23 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
TOPEKA,KS
INTENDED DESTINATION
INDEPENDENCE,MO
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING: FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
LOW ON FUEL
REMARKS- NO VISUAL CHECK OF FUEL BEFORE TKOF.HIT TREE DRG APPROACH TO ROAD.

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FILE    DATE           LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                                F  S M/N      PURPOSE

3-1617  8/21/79  NR.PLEASANT HILL,MO    CESSNA 150F          CR-  0  0  1   NONCOMMERCIAL               COMMERCIAL, AGE 47, 1062
        TIME - 1400                     N4070U               PX-  0  0  0   PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 400 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HAWK AVIATION
        DEPARTURE POINT            INTENDED DESTINATION
         PLEASANT HILL,MO            LEAWOOD,KS
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIGH VEGETATION
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
        REMARKS- UPHILL RWY GRADIENT IN DIRECTION OF TKOF.WND GUSTING 12 KTS.


3-1618  8/24/79     BRANSON,MO          CESSNA 150           CR-  0  0  1   INSTRUCTIONAL               STUDENT, AGE 25, 39 TOTAL
        TIME - 2030                     N7041B               PX-  0  0  0   TRAINING                    HOURS, 27 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - CLARK MEMORIAL
        DEPARTURE POINT            INTENDED DESTINATION
          SPRINGFIELD,MO             BRANSON,MO
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          WEATHER - SUDDEN WINDSHIFT

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                      4000
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
          NONE                                                      LEFT CROSS WIND 248-292 DEGREES
        TEMPERATURE-F                                             WIND DIRECTION-DEGREES
          82                                                        360
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          9                                                         VFR
        TYPE OF FLIGHT PLAN
          VFR
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1590	8/23/79 TIME - 1400	LAUREL,MT	GRUM AMER AA-5 N5880L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 18, 154 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAUREL
DEPARTURE POINT — INTENDED DESTINATION
LAUREL,MT — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH FENCE,FENCEPOSTS — TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS, OTHER
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — CEILING AT ACCIDENT SITE
CLEAR — UNLIMITED
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
5 OR OVER(UNLIMITED) — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — RELATIVE BEARING OF WIND
NONE — CALM
TEMPERATURE-F — TYPE OF WEATHER CONDITIONS
85 — VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- RWY UPSLOPE. DENSITY ALT 5700FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1591	8/28/79 TIME - 1100	ABSAROKEE,MT	BELL 206B N5013C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 25, 1150 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
ABSAROKEE,MT — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
MISCELLANEOUS — IN FLIGHT HOVERING

PROBABLE CAUSE(S)
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY,COMPANY MAINTAINED EQPMT,SERVICES,REGULATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
SUSPECTED OR KNOWN AIRCRAFT DAMAGE
REMARKS- UNINFORMED PLT FLEW OVER DYNAMITE BLAST.LND OK. COMPANY RADIO TO ACFT WAS AVAIL. HAD SLING LOAD.

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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                           PILOT DATA
                                                                 F  S M/N     PURPOSE

3-1799  4/15/79  NR.SHOSHONE,CA          CESSNA 182K         CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 59, 112
        TIME - 1920                      N3078Q              PX-  1  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 62 IN TYPE,
                                           DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          ONTARIO,CA                     LAS VEGAS,NV
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                 IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FIRE AFTER IMPACT


3-1773  7/14/79     RENO,NV              CESSNA 172D         CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 40, 161
        TIME - 1002                      N2651U              PX-  0  0  2  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, ALL IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - RENO INTL
        DEPARTURE POINT                INTENDED DESTINATION
          SALT LAKE CITY,UT              RENO,NV
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
          COLLIDED WITH  RUNWAY OR APPROACH LIGHTS                  LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.


3-1589  5/11/79     MT VERNON,NH         CESSNA 150          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 22, 108
        TIME - 1800                      N19435              PX-  0  0  2  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 104 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PERRY FARM
        DEPARTURE POINT                INTENDED DESTINATION
          ELIOT,ME                       MT VERNON,NH
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1743	1/24/79 TIME - 1330	YOUNGSTOWN,OH	LEAR JET 24D N744JC DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 31, 6295 TOTAL HOURS, 613 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - YOUNGSTOWN MUNI
DEPARTURE POINT — MEMPHIS,TN
INTENDED DESTINATION — YOUNGSTOWN,OH
TYPE OF ACCIDENT — GEAR COLLAPSED
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- R MAIN GEAR UPPER STRUT(CYL FORGING)FRACTURED AT FWD & REAR TRUNNION AREAS.PLT RPRT SMOOTH LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1752	5/23/79 TIME - 1215	NR.PIQUA,OH	BELL 47G-2 N4423 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 23, 1529 TOTAL HOURS, 368 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — PIQUA,OH
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION — IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 35
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GOGGLES - NOT USED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - TEST
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
ELEVATION-AREA BEING TREATED-FEET - 1000
PROCEDURE TURNAROUND - THIRD 1/3 TURN
REMARKS- PILOT WAS TESTING SPRAY EQUIPMENT USING WATER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1559	5/28/79 TIME - 1500	NR.ST CLAIRSVILLE,OH	PIPER PA32RT N36126 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 368 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ALDERMAN
DEPARTURE POINT — PHILADELPHIA,PA
INTENDED DESTINATION — COLUMBUS,OH
LAST ENROUTE STOP — ST CLAIRSVILLE,OH
TYPE OF ACCIDENT — OVERSHOOT; GEAR COLLAPSED
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

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FILE   DATE          LOCATION             AIRCRAFT DATA          INJURIES         FLIGHT                        PILOT DATA
                                                                  F  S M/N        PURPOSE

3-1558 5/30/79    MIAMISBURG,OH          CESSNA 152           CR-  0  0  1  NONCOMMERCIAL              STUDENT, AGE 46, 19 TOTAL
       TIME - 1030                       N67310               PX-  0  0  0  PRACTICE                   HOURS, 14 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       NAME OF AIRPORT - DAYTON GENERAL
       DEPARTURE POINT                 INTENDED DESTINATION
         DAYTON,OH                       LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  TREES                                        LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
       REMARKS- BOUNCED TWICE,DRIFTED OFF RWY.


3-1557 6/6/79      WILLARD,OH            CESSNA 172           CR-  0  0  2  INSTRUCTIONAL              COMMERCIAL, AGE 26, 2025
       TIME - 1815                       N7338S               PX-  0  0  0  CHECK                      TOTAL HOURS, 241 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       NAME OF AIRPORT - WILLARD
       DEPARTURE POINT                 INTENDED DESTINATION
         WILLARD,OH                      LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         OVERSHOOT                                                   LANDING  LEVEL OFF/TOUCHDOWN
         NOSE OVER/DOWN                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
         DUAL STUDENT - MISJUDGED DISTANCE AND SPEED
         DUAL STUDENT - FAILED TO INITIATE GO-AROUND
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY


3-1750 6/9/79    NR.SYCAMORE,OH          PIPER PA-25          CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 29, 600
       TIME - 1720                       N288JH               PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 278 IN TYPE,
                                         DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - TONG FARM
       DEPARTURE POINT                 INTENDED DESTINATION
         CAREY,OH                        LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  TREES                                        IN FLIGHT  PULLUP FROM SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -  300                        KIND OF OPERATION - SEEDING CROPS
         KIND OF CROP - BEANS                                      PILOT'S SEAT BELT - NOT FASTENED
         CRASH HELMET - AVAILABLE USED                             TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  800                  SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
       REMARKS- DURING SWATH RUN,PILOT LOOKED TO SEE WHERE SEED WAS FALLING.PILOT SAW TREES TOO LATE TO AVOID.
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BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES    FLIGHT                        PILOT DATA
                                                             F  S M/N   PURPOSE
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3-1[illegible]2 6/11/79   MORAINE,OH       BELLANCA 7ECA        CR-  0  0  1  INSTRUCTIONAL          STUDENT, AGE 18, 18 TOTAL
       TIME - 1100                     N7622S               PX-  0  0  0  SOLO                   HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                        INSTRUMENT RATED.
       NAME OF AIRPORT - MORAINE AIRPARK
       DEPARTURE POINT              INTENDED DESTINATION
         MORAINE,OH                   LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                LANDING  ROLL
         COLLIDED WITH  TREES                                    LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL


3-1753 6/24/79   FINDLAY,OH        HUGHES 269B          CR-  0  0  1  NONCOMMERCIAL          COMMERCIAL, FL.INSTR.,
       TIME - 1515                     N9439F               PX-  0  0  3  OTHER                  AGE 43, 17114 TOTAL
                                       DAMAGE-DESTROYED                                          HOURS, 119 IN TYPE,
                                                                                                 INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         FINDLAY,OH                   LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                              TAKEOFF  VERTICAL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE


3-1734 7/5/79    CINCINNATI,OH     BEECH 95-B55         CR-  0  0  1  NONCOMMERCIAL          COMMERCIAL, FL.INSTR.,
       TIME - 1545                     N2320A               PX-  0  0  0  PRACTICE               AGE 30, 3440 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                        13 IN TYPE, INSTRUMENT
                                                                                                 RATED.
       NAME OF AIRPORT - LUNKEN
       DEPARTURE POINT              INTENDED DESTINATION
         CINCINNATI,OH                LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         WHEELS-UP                                               LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR


3-1556 7/9/79    AKRON,OH          CESSNA 152           CR-  0  0  1  MISCELLANEOUS          PRIVATE,FL.INSTR., AGE
       TIME - 1430                     N24218               PX-  0  0  0  FERRY                  44, 2615 TOTAL HOURS, 830
                                       DAMAGE-SUBSTANTIAL                                        IN TYPE, INSTRUMENT
                                                                                                 RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         AKRON,OH                     LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  AUTOMOBILE                               TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISJUDGED CLEARANCE
       REMARKS- TKOF FROM SHOPPING MALL PARKING LOT,APPX 600FT AVBL.ACFT WAS ON DISPLAY.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                        PILOT DATA
                                                                F  S M/N       PURPOSE

3-1560  7/17/79  NR.ALGER,OH              CESSNA A188B         CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 46, 5060
        TIME - 1745                       N4898Q               PX-  0  0  0  AERIAL APPLICATION            TOTAL HOURS, 1300 IN
                                          DAMAGE-SUBSTANTIAL                                               TYPE, NOT INSTRUMENT
        DEPARTURE POINT              INTENDED DESTINATION                                                   RATED.
          KENTON,IL                    LOCAL
        TYPE OF ACCIDENT
          COLLIDED WITH  WIRES/POLES                              PHASE OF OPERATION
                                                                    IN FLIGHT  SWATH RUN
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 4960
          KIND OF CROP - BEANS                                       KIND OF OPERATION - FERTILIZING (LIQUID)
          PILOT'S SEAT BELT - FASTENED-PROPERLY                      TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
          GOGGLES - USED                                             GLOVES - NOT USED
          COCKPIT CRASHPAD - INSTALLED                               CRASH HELMET - AVAILABLE USED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                    CRASH BAR - INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  1200                  TERRAIN-TYPE - LEVEL,FLAT
        REMARKS- TAILWHEEL CAUGHT WIRE ON LAST SWATH RUN.            SWATH RUN-HOW FLOWN - CROSSWIND


3-1723  7/21/79     CONNEAUT,OH           CESSNA 172N          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 27, 78 TOTAL
        TIME - 1800                       N738DK               PX-  0  0  2  PLEASURE/PERSONAL TRANSP      HOURS, 11 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - ASHTABULA
        DEPARTURE POINT              INTENDED DESTINATION
          YOUNGSTOWN,OH                CONNEAUT,OH
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          OVERSHOOT                                                    LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
        REMARKS- PLT SAID HE LNDD ON LAST 1/3 OF RWY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1733	7/25/79 TIME - 2330	CLEVELAND,OH	BEECH 95-C55 N5740V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP,FLIGHT INSTR., AGE 25, 2595 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BURKE LAKEFRONT
DEPARTURE POINT — DETROIT,MI
INTENDED DESTINATION — CLEVELAND,OH
TYPE OF ACCIDENT — COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION — TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
FACTOR(S)
WEATHER - RAIN
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RAMP/TAXIWAY
WEATHER BRIEFING - UNKNOWN/NOT REPORTED

SKY CONDITION — UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE — 3000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — HAZE
WIND DIRECTION-DEGREES — 230
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — IFR
REMARKS- PIPER PA-28,N3978T,RCVD SUBSTANTIAL DMG,DIDN'T SEE OTHER ACFT ON WET,UNLIT RAMP W WET WINDSHIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1729	8/4/79 TIME - 1435	PAINESVILLE,OH	PIPER PA-28 N29250 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 191 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CONCORD AIRPARK
DEPARTURE POINT — PAINESVILLE,OH
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION — TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
REMARKS- PIPER PA-28,N4295J,SUBSTANTIAL DAMAGE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1725	8/13/79 TIME - 2045	COLUMBUS,OH	CESSNA 150L N54880 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 20, 373 TOTAL HOURS, 268 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - COLUMBUS SW
DEPARTURE POINT: COLUMBUS,OH
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
TERRAIN - WET,SOFT GROUND
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- IP REDUCED PWR AT 150-200 FT ON TKOF.ACFT SETTLED ONTO SOFT GND DRG RECOVERY.NOSE GR COLLAPSED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1732	8/15/79 TIME - 2040	TROY,OH	CESSNA 172 N7149G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 36, 9 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TROY SKYPARK
DEPARTURE POINT: TROY,OH
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
REMARKS- 1ST SOLO FLT.ON SHORT FINAL,STUD CHG FROM LEFT TO RGT RWY TO AVOID OTHER ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1581	5/28/79 TIME - 1045	NR.PERKINS,OK	PIPER PA-25 N64367 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 23, 1515 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  STILLWATER,OK
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH CROP
PHASE OF OPERATION
  IN FLIGHT SWATH RUN
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  TERRAIN - HIGH VEGETATION
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 175
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 600
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1580	6/10/79 TIME - 1112	NR.VINITA,OK	CESSNA 150 N50254 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 63, 1785 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  ELK CITY,OK
INTENDED DESTINATION
  VINITA,OK
TYPE OF ACCIDENT
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  TAXI FROM LANDING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
  PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
  LOW ON FUEL

SKY CONDITION
  SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  HAZE
WIND VELOCITY-KNOTS
  15
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  22
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- PLT DIVERTED AFTER ENCOUNTERING HEAD WND.PRECAUTIONARY LNDG ON HIWAY FOR LOW FUEL.STRUCK RD SIGN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1579	6/22/79 TIME - 0900	ELK CITY,OK	HILLER UH12L4 N90453 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 37, 3290 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ELK CITY,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING ROLL-ON/RUN-ON

PROBABLE CAUSE(S)
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM CLUTCH ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT STATED MAIN ROTOR CLUTCH SLIPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1578	7/27/79 TIME - 2045	GROVE,OK	ERCO 415-CD N3224H DAMAGE-NONE	CR- 0 0 1 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 135 TOTAL HOURS, 85 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GROVE MUNICIPAL
DEPARTURE POINT
GROVE,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION
STATIC IDLING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
REMARKS- PAX WALKED INTO PROP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1601	4/13/79 TIME - 1326	LORD FLAT,OR	MAULE M235C N9196E DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 43, 1445 TOTAL HOURS, 349 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LORD FLAT
DEPARTURE POINT
LA GRANDE,OR
INTENDED DESTINATION
GRANGEVILLE,ID
LAST ENROUTE STOP
LORD FLAT,OR
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                                F  S M/N     PURPOSE
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3-1600  4/22/79  NR.THE DALLES,OR        CESSNA 206G          CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL, AGE 31, 730
        TIME - 1600                      N756SR               PX-  0  0  3  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 10 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          RENO,NV                        SEATTLE,WA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          AIRFRAME FAILURE   IN FLIGHT                               IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
          SYSTEMS - OTHER SYSTEMS  VACUUM SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          PILOT IN COMMAND - SPATIAL DISORIENTATION
          PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
        FACTOR(S)
          WEATHER - OTHER
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  SUSPECTED OR KNOWN AIRCRAFT DAMAGE

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          OVERCAST                                                   7000
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TYPE OF WEATHER CONDITIONS
          NONE                                                       IFR
        TYPE OF FLIGHT PLAN
          IFR (VFR CONDITIONS ON TOP)
        REMARKS- T AND B NOT INSTALLED.VACUUM PUMP SHAFT SHEARED.HI-SPEED SPIRAL.MULTIPLE CLOUD LAYERS.LNDD OK.


3-1603  5/8/79      MCMINNVILLE,OR       BAIRD/BEERS AMES14   CR-  0  1  0  NONCOMMERCIAL                  PRIVATE, AGE 47, 400
        TIME - 1430                      N75LB                PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 30 IN TYPE,
                                           DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          TROUTDALE,OR                   MCMINNVILLE,OR
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                       LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- ALSO HIT HOUSE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1767	5/11/79 TIME - 0730	INDEPENDENCE,OR	HILLER ACFT UH-12E N161HA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 28, 2200 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - INDEPENDENCE
DEPARTURE POINT — INTENDED DESTINATION
INDEPENDENCE,OR — LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE MAIN ROTOR
COLLISION WITH GROUND/WATER UNCONTROLLED

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
FACTOR(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - BELLY
ELEVATION-AREA BEING TREATED-FEET - 160
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- INCIDENCE PUSH ROD END BEARING FAILED AT OUTER SHELL DRG TRANSLATION LIFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1606	6/1/79 TIME - 0910	BURNS,OR	PIPER PA-25 N4753Y DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 9030 TOTAL HOURS, 4500 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BURNS,OR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW)
MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 4141
KIND OF OPERATION - DEFOLIATION (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- SPRAYING SAGEBRUSH

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1605	6/3/79 TIME - 1805	SUNRIVER,OR	BEECH A36 N40JH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 52, 3530 TOTAL HOURS, 504 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SUNRIVER
DEPARTURE POINT
CONCORD,CA
INTENDED DESTINATION
SUNRIVER,OR
TYPE OF ACCIDENT
WHEELS-UP
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - CHECKLIST-FAILED TO USE

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FILE   DATE       LOCATION            AIRCRAFT DATA          INJURIES    FLIGHT                          PILOT DATA
                                                             F  S M/N    PURPOSE

3-1599 6/14/79  NR.THE DALLES,OR      BELLANCA 8GCBC         CR- 0 0 1  MISCELLANEOUS                  COMMERCIAL, AGE 29, 1432
       TIME - 1715                    N4143Y                 PX- 0 0 0  FERRY                          TOTAL HOURS, 35 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        THE DALLES,OR                 HOOD RIVER,OR
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                               TAKEOFF  RUN
         NOSE OVER/DOWN                                         TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         TERRAIN - OTHER
         WEATHER - UNFAVORABLE WIND CONDITIONS
       WEATHER BRIEFING - UNKNOWN/NOT REPORTED
       WEATHER FORECAST - UNKNOWN/NOT REPORTED

       SKY CONDITION                                          CEILING AT ACCIDENT SITE
         CLEAR                                                  UNLIMITED
       VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                   NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                TEMPERATURE-F
         NONE                                                   70
       WIND DIRECTION-DEGREES                                 WIND VELOCITY-KNOTS
         315                                                    12
       TYPE OF WEATHER CONDITIONS                             TYPE OF FLIGHT PLAN
         VFR                                                    NONE
       REMARKS- EARLIER PRECAUTIONARY LDG ON NARROW FARM ROAD. GUSTING TO 15K.

3-1766 6/18/79    WILSONVILLE,OR      CESSNA 182             CR- 0 0 1  NONCOMMERCIAL                  PRIVATE, AGE 23, 150
       TIME - 0900                    N4952D                 PX- 0 0 1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 8 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        SHERIDAN,OR                   TROUTDALE,OR
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  NORMAL CRUISE
         GEAR COLLAPSED                                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                              F  S M/N      PURPOSE

3-1604  6/19/79    BAKER,OR             CESSNA 172           CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 34, 269
        TIME - 1650                     N7330W               PX-  0  0  0  TRAINING                      TOTAL HOURS, 34 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BAKER
        DEPARTURE POINT              INTENDED DESTINATION
          BAKER,OR                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          OVERSHOOT                                                LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  DITCHES                                   LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                              SUSPECTED MECHANICAL DISCREPANCY
        REMARKS- TKOF FROM RWY 30,THOUGHT FLAPS MALFUNCTIONED,SO DID LOW ALT TURN & LND ON RWY 12.FLAPS CHECKED OK.


3-1609  6/19/79     MALIN,OR            STINSON 108-3        CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 42, 890
        TIME - 1800                     N6813M               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 860 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MALIN
        DEPARTURE POINT              INTENDED DESTINATION
          MALIN,OR                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          TERRAIN - WET,SOFT GROUND
          TERRAIN - ROUGH/UNEVEN
        REMARKS- BLEW TIRE ON LDG.


3-1598  6/24/79  NR.MADRAS,OR           CESSNA 185           CR-  0  0  1  MISCELLANEOUS                 COMMERCIAL, AGE 49, 1620
        TIME - 1045                     N47100               PX-  0  0  4  OTHER                         TOTAL HOURS, 791 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - OCHO'S STRIP
        DEPARTURE POINT              INTENDED DESTINATION
          MADRAS,OR                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 LANDING  ROLL
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  TAILWHEEL ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- TAIL WHEEL SPRING FAILED,THEN WHEEL SEPARATED. SPOTTING CATTLE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1595	7/1/79 TIME - 1843	SALEM,OR	PIPER PA-24 N6651P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 33, 1835 TOTAL HOURS, 6 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MCNARY
DEPARTURE POINT: BOISE,ID
INTENDED DESTINATION: SALEM,OR
TYPE OF ACCIDENT: WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1602	7/13/79 TIME - 1700	TROUTDALE,OR	BEECH A36 N24158 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 59, 682 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PROMISE RANCH
DEPARTURE POINT: TROUTDALE,OR
INTENDED DESTINATION: OREGON CITY,OR
TYPE OF ACCIDENT: COLLIDED WITH ANIMALS
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- STRIP SLOPES DOWN. DOOR CAME OPEN ON TKOF.HIT COW.GR FAILED. CONT FLT & LND WITH FURTHER DMG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1596	7/18/79 TIME - 1340	CRESWELL,OR	CESSNA 305A N5311G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 903 TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOBBIE FIELD
DEPARTURE POINT: CRESWELL,OR
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; GEAR COLLAPSED
PHASE OF OPERATION: LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - MISSING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- NUT ON THE BOLT THAT HOLDS RT GEAR TO CASTING MISSING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1608	7/22/79 TIME - 1845	NYSSA,OR	CESSNA 188 N9499R DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 37, 3431 TOTAL HOURS. 332 IN TYPE. INSTRUMENT RATED.

NAME OF AIRPORT - NYSSA
DEPARTURE POINT — NYSSA,OR
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — 6000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 89
WIND DIRECTION-DEGREES — 350
WIND VELOCITY-KNOTS — 6
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF OPERATION - SPRAYING CROPS
KIND OF CROP - POTATOES
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GLOVES - NOT USED
GOGGLES - NOT USED
CRASH HELMET - AVAILABLE USED
COCKPIT CRASHPAD - INSTALLED
CRASH BAR - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
TERRAIN-TYPE - LEVEL,FLAT
ELEVATION-AREA BEING TREATED-FEET - 2200
REMARKS- LOAD PARTLY JETTISONED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1607	7/25/79 TIME - 0510	WHITE CITY,OR	PIPER PA-28 N6844W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 37, 130 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BURRILL STRIP
DEPARTURE POINT — WHITE CITY,OR
INTENDED DESTINATION — MEDFORD,OR
TYPE OF ACCIDENT — COLLIDED WITH DIRT BANK
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- LND 35FT OFF UNLIGHTED RWY.

best copy available

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1594	8/3/79 TIME - 1030	NR.BURNS,OR	CESSNA 150 N61030 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 54, 8000 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OARDS STRIP
DEPARTURE POINT — INTENDED DESTINATION
BURNS,OR — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
COLLIDED WITH FENCE,FENCEPOSTS — LANDING ROLL

PROBABLE CAUSE(S)
DUAL STUDENT - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1593	8/15/79 TIME - 0630	NR.PLUSH,OR	MAULE M5-235 N56291 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	MISCELLANEOUS HUNTING	PRIVATE, AGE 35, 300 TOTAL HOURS, 151 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HART MOUNTAIN
DEPARTURE POINT — INTENDED DESTINATION
KLAMATH FALLS,OR — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH GROUND/WATER CONTROLLED — IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
REMARKS- SPOTTING BIG HORN SHEEP.

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FILE    DATE          LOCATION           AIRCRAFT DATA       INJURIES      FLIGHT                                  PILOT DATA
                                                             F  S M/N      PURPOSE

3-1597  8/20/79  NR.MEDFORD,OR           GRUM AMER AA-5      CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 18, 75 TOTAL
        TIME - 1530                      N6046L              PX-  0  0  3  PLEASURE/PERSONAL TRANSP    HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - TABLE ROCK
        DEPARTURE POINT              INTENDED DESTINATION
         MEDFORD,OR                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          WEATHER - DOWNDRAFT,UPDRAFTS
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
          NONE                                                      HEAD WIND 338-022 DEGREES
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          315                                                       20
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          VFR                                                       NONE
        REMARKS- DOWNDRAFT ON T/D. DRIFTED OFF RWY DURING RECOVERY.


3-1592  8/21/79  NR.ADRIAN,OR            PIPER PA-25         CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 50, 3500
        TIME - 0845                      N67217              PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 1500 IN
                                         DAMAGE-SUBSTANTIAL                                            TYPE, NOT INSTRUMENT
                                                                                                       RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         ADRIAN,OR                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  BUILDING(S)                                IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
          MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 3200                        KIND OF OPERATION - DEFOLIATION (DUST)
          KIND OF CROP - OTHER                                      TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                  GLOVES - NOT USED
          GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                          CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                   TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  2500                 SWATH RUN-HOW FLOWN - WIND CALM
        REMARKS- L WG HIT BEE HOUSE. DEFOLIATING ALFALFA.
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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                               F  S M/N     PURPOSE

3-1775 5/5/79     SALTSBURG,PA          BEECH C-23           CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 45, 280
       TIME - 1845                      N6550R               PX-  1  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 114 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - J AND W PERSONAL
       DEPARTURE POINT               INTENDED DESTINATION           LAST ENROUTE STOP
         TETERBORO,NJ                  SALTSBURG,PA                   HERSHEY,PA
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         OVERSHOOT                                                    LANDING  LEVEL OFF/TOUCHDOWN
         GROUND-WATER LOOP-SWERVE                                     LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY


3-1588 5/14/79    BRADFORD,PA           PIPER PA-32          CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 51, 588
       TIME - 1347                      N4126R               PX-  0  1  2  BUSINESS                    TOTAL HOURS, 3 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - BRADFORD REGIONAL
       DEPARTURE POINT               INTENDED DESTINATION           LAST ENROUTE STOP
         XENIA,OH                      WESTCHESTER,NY                 KENT,OH
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  DITCHES                                       LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
         POWERPLANT - FUEL SYSTEM  LINES AND FITTINGS
         POWERPLANT - FUEL SYSTEM  VENTS,DRAINS,TANK CAPS
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
         TERRAIN - HIDDEN OBSTRUCTIONS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
       REMARKS- AD 77-L2-01,69-22-02,75-24-02 NOT COMPLY


3-1763 4/2/79   NR.BEECH ISLAND,SC      CESSNA 210M          CR-  0  0  1  NONCOMMERCIAL               AIRLINE TRANSPORT, AGE
       TIME - 1000                      N9898M               PX-  0  0  1  CORP/EXEC                   30, 5340 TOTAL HOURS, 60
                                        DAMAGE-SUBSTANTIAL                                             IN TYPE, INSTRUMENT
                                                                                                       RATED.
       NAME OF AIRPORT - BUSH FIELD
       DEPARTURE POINT               INTENDED DESTINATION
         ROANOKE RAPIDS,NC             AUGUSTA,GA
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                               LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1699	1/20/79 TIME - 1015	FALFURRIAS,TX	BELL 47G-4A N4002G DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 24, 586 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
FALFURRIAS,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
FACTOR(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
290
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
62
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
NONE
REMARKS- HERDING CATTLE.WND GUSTING 40 KT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1722	4/4/79 TIME - 1430	AMARILLO,TX	CESSNA 305A N6996N DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PRACTICE	ATP,FLIGHT INSTR., AGE 52, 9100 TOTAL HOURS, 3500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TRADEWIND
DEPARTURE POINT
  AMARILLO,TX
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  56
WIND VELOCITY-KNOTS
  10
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES
  330
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- OTHER CREW-CHECK PILOT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1718	4/13/79 TIME - 1745	STEPHENVILLE,TX	CHAMPION 7FC N48778 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 17, 147 TOTAL HOURS, 117 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  FORT WORTH,TX
INTENDED DESTINATION
  STEPHENVILLE,TX
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  STALL SPIRAL
PHASE OF OPERATION
  IN FLIGHT LOW PASS
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
  MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- L VENT LINE BLOCKED BETWEEN WING ROOT & TANK.

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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                         PILOT DATA
                                                                F  S M/N      PURPOSE

3-1701  4/16/79    TOMBALL,TX           CESSNA 172           CR-  0  0  1  NONCOMMERCIAL            STUDENT, AGE 43, 119
        TIME - 1430                     N9504H               PX-  0  0  0  PRACTICE                 TOTAL HOURS, 63 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - D W HOOKS
        DEPARTURE POINT              INTENDED DESTINATION
          TOMBALL,TX                   LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                     LANDING  ROLL
          NOSE OVER/DOWN                                               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                                CEILING AT ACCIDENT SITE
          OVERCAST                                                     5000
        VISIBILITY AT ACCIDENT SITE                                  PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                         NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                      TEMPERATURE-F
          NONE                                                         80
        WIND DIRECTION-DEGREES                                       WIND VELOCITY-KNOTS
          90                                                           15
        TYPE OF WEATHER CONDITIONS                                   TYPE OF FLIGHT PLAN
          VFR                                                          NONE


3-1687  4/27/79    HEREFORD,TX          CESSNA 152           CR-  0  0  1  INSTRUCTIONAL            STUDENT, AGE 21, 15 TOTAL
        TIME - 0700                     N64987               PX-  0  0  0  SOLO                     HOURS, 4 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
        NAME OF AIRPORT - HEREFORD MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          HEREFORD,TX                  LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                     TAKEOFF  RUN
          NOSE OVER/DOWN                                               TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1716	5/9/79 TIME - 1900	FT.HOOD,TX	CESSNA 150M N76510 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 75 TOTAL HOURS, 45 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ROBERT GRAY AAF
DEPARTURE POINT: FT.HOOD,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION: OVERCAST
CEILING AT ACCIDENT SITE: 3000
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 78
WIND DIRECTION-DEGREES: 140
WIND VELOCITY-KNOTS: 14
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: VFR
REMARKS- TESTS OF FUEL FROM MAIN TANKS SHOWED SOME H2O & SEDIMENT,NO BLOCKAGE/MALFUNCTION OF LINES,CARB,ETC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1697	5/13/79 TIME - 1530	JUSTIN,TX	AERONCA 7AC N84726 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 28, 1453 TOTAL HOURS, 110 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - JUSTIN-TIME
DEPARTURE POINT: JUSTIN,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- PILOT RPRT NO MEMORY OF ACDNT.

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1707  5/21/79  NR.GALVESTON,TX          BOLKOW BO105C        CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 30, 4985
        TIME - 1330                       N90755               PX-  0  0  0  OTHER                         TOTAL HOURS, 496 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - BRAZOS A133
        DEPARTURE POINT                 INTENDED DESTINATION
         GALVESTON,TX                     LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ROLL OVER                                                  STATIC  STARTING ENGINE(S)

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER STARTING PROCEDURES
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - GUST LOCKS ENGAGED
        REMARKS- ENG RUN-UP W CYCLIC STICK LOCKED AT FLAT PITCH.ACFT ROCKED BACK.TAIL ROTOR HIT DECK.CO FLT PLAN.


3-1688  5/22/79     CANADIAN,TX           AERO COMDR 100       CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 22, 113
        TIME - 2030                       N3890X               PX-  0  0  2  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 18 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PRIVATE STRIP
        DEPARTURE POINT                 INTENDED DESTINATION
          CANADIAN,TX                     LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  FENCE,FENCEPOSTS                            TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
        REMARKS- COLLIDE W TOP WIRE OF FENCE.


3-1683  5/24/79  NR.CANADIAN,TX           BELLANCA 7KCAB       CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 26, 902
        TIME - 1945                       N9195L               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 21 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         CANADIAN,TX                      LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                     LANDING  ROLL
          COLLIDED WITH  FENCE,FENCEPOSTS                            LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        REMARKS- ATTEMPTED GO-AROUND AFTER ACFT HIT DITCH IN PASTURE & BOUNCED IN AIR.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1720	5/24/79 TIME - 1800	DALHART,TX	CESSNA 150M N6213K DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 30, 4000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
DALHART,TX — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LANDED IN A WHEAT FIELD

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1704	5/30/79 TIME - 1540	NR.SPOFFORD,TX	BELL 47G N3740G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 32, 1240 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
SPOFFORD,TX — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1717	6/2/79 TIME - 1700	AUSTIN,TX	CESSNA 152 N48857 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 25, 48 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAKE SHORE
DEPARTURE POINT — INTENDED DESTINATION
AUSTIN,TX — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF ABORTED

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
REMARKS- ACFT STRUCK SHRUBS ON ABANDONED AIRPORT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1710	6/9/79 TIME - 1310	WEATHERFORD,TX	CESSNA 172M N12649 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 81 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HORSESHOE BEND
DEPARTURE POINT — FT WORTH,TX
INTENDED DESTINATION — WEATHERFORD,TX
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1693	6/10/79 TIME - 1710	ROANOKE,TX	PITTS S-1 N10SC DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 30, 7074 TOTAL HOURS, 146 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - AERO VALLEY
DEPARTURE POINT — ROANOKE,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
  IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
  SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM
  MISCELLANEOUS ACTS,CONDITIONS - POOR WELD
REMARKS- FWD STAB ATTACHMENT TUBE FAILED AT WELD AREA NEXT TO 3/8IN BUSHING.PLT PARACHUTED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1684	6/11/79 TIME - 1200	NR.SEMINOLE,TX	BEECH 65-88 N707ED DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 53, 20175 TOTAL HOURS, 620 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — EL PASO,TX
INTENDED DESTINATION — LUBBOCK,TX
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  WHEELS-UP
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
  SYSTEMS - FIRE WARNING SYSTEM POWERPLANT
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- SINGLE ENGINE FERRY(TO REPAIR OTHER ENG).

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1714	6/13/79 TIME - 0800	NR.RAYMONDVILLE.TX	GRUMMAN G-164A N4598 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 56, 15242 TOTAL HOURS, 2200 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE STRIP
DEPARTURE POINT — RAYMONDVILLE.TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  STALL MUSH
  NOSE OVER/DOWN
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
  TERRAIN - WET,SOFT GROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1715	6/14/79 TIME - 1220	NR.KENT.TX	PIPER PA-32 N36367 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 1666 TOTAL HOURS, 852 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — PECOS.TX
INTENDED DESTINATION — VAN HORN.TX
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED W ROCK,WND GUSTING 20 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1695	6/15/79 TIME - 1330	LOUISE.TX	CESSNA 188 N1991J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, 8000 TOTAL HOURS, 7500 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RUANS FARM STRIP
DEPARTURE POINT — LOUISE.TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  TAKEOFF RUN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1705	6/20/79 TIME - 0845	EL PASO,TX	BOEING A75N-1 N55971 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	PRIVATE, AGE 55, 655 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EL PASO INTL
DEPARTURE POINT — EL PASO,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1708	6/29/79 TIME - 1810	NR.OLTON,TX	SNOW 600S2R N88380 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 2500 TOTAL HOURS, 275 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — OLTON,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL MUSH
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - OTHER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2500
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 3500
REMARKS- SPRAYING SUNFLOWERS.PLT STALLED ACFT WHILE ATTEMPTING TO ALIGN W LISTER ROWS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1713	6/30/79 TIME - 0910	TOMBALL,TX	AERONCA 7EC N7EG DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 666 TOTAL HOURS, 326 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOOKS MEMORIAL
DEPARTURE POINT — HOUSTON,TX
INTENDED DESTINATION — TOMBALL,TX
TYPE OF ACCIDENT — GEAR COLLAPSED
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- L MAIN GEAR STRUT FRAME FAILED AT WELD SEAM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1709	7/5/79 TIME - 1830	AUSTIN,TX	CESSNA 172N N739HY DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 32, 3948 TOTAL HOURS, 301 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — AUSTIN,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH OBJECT
PHASE OF OPERATION — TAKEOFF RUN

PROBABLE CAUSE(S)
DUAL STUDENT - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- SKIBOAT STRUCK R HORIZONTAL STABILIZER,ELEVATOR OF ACFT.ACFT EQUIPPED W FLOATS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1711	7/8/79 TIME - 0900	AMARILLO,TX	BEECH C23 N2074K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 18, 108 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TRADEWIND
DEPARTURE POINT — AMARILLO,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING; GEAR COLLAPSED
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- ACFT PORPOISED AFTER INITIAL TOUCH-DOWN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1702	7/14/79 TIME - 1845	NR.OZONA,TX	CESSNA A188 N4850R DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 37, 10500 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - AG STRIP
DEPARTURE POINT — OZONA,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
COLLIDED WITH ANIMALS
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 3000
KIND OF CROP - MESQUITE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1691	7/14/79 TIME - 1435	WEATHERFORD,TX	CESSNA 150L N7930G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 59 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — GRAND PRAIRIE,TX
INTENDED DESTINATION — MINERAL WELLS,TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1703	7/16/79 TIME - 1025	SAN ANTONIO,TX	SPORTAIRE N778T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 837 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STINSON FIELD
DEPARTURE POINT: PLEASANTON,TX
INTENDED DESTINATION: SAN ANTONIO,TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - HIGH VEGETATION
TERRAIN - HIDDEN OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- GRASS SUN FLOWERS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1690	7/18/79 TIME - 1730	SABINE,TX	BELL 206B N7853S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 40, 5121 TOTAL HOURS, 370 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PHI HELIPORT
DEPARTURE POINT: SABINE,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1712	7/22/79 TIME - 1015	WESTLACO,TX	CESSNA 152 N49818 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 131 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MID VALLEY
DEPARTURE POINT: ALICE,TX
INTENDED DESTINATION: WESTLACO,TX
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
REMARKS- PLT MISTOOK NEWLY PAVED ST FOR RNWY,HIT ST SIGN.

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FILE    DATE          LOCATION           AIRCRAFT DATA       INJURIES      FLIGHT                           PILOT DATA
                                                             F  S M/N      PURPOSE

3-1706  7/23/79    PLANO,TX              PIPER PA32RT        CR-  0  0  1  MISCELLANEOUS                    COMMERCIAL, FL.INSTR.,
        TIME - 1645                      N39461              PX-  0  0  0  FERRY                            AGE 20, 569 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                                 4 IN TYPE, INSTRUMENT
                                                                                                            RATED.
        NAME OF AIRPORT - DALLAS NORTH
        DEPARTURE POINT             INTENDED DESTINATION
          PLANO,TX                    ADDISON,TX
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                   TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF


3-1686  7/28/79    KELLER,TX             GLOBE GC-1B         CR-  0  0  1  NONCOMMERCIAL                    PRIVATE, AGE 48, 900
        TIME - 1130                      N80833              PX-  0  0  1  PLEASURE/PERSONAL TRANSP         TOTAL HOURS, 10 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - STAGECOACH HILLS
        DEPARTURE POINT             INTENDED DESTINATION
          KELLER,TX                   LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                     LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
          PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1700	7/31/79 TIME - 1615	ARLINGTON,TX	CESSNA 152 N69103 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 71 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARLINGTON MUNI
DEPARTURE POINT
ARLINGTON,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - SUDDEN WINDSHIFT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
330
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
THUNDERSTORM
RELATIVE BEARING OF WIND
TAIL WIND 158-202 DEGREES
WIND VELOCITY-KNOTS
40
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1689	7/31/79 TIME - 1900	PEARSALL,TX	PIPER PA-25 N8630L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 44, 7514 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - AG SUPPLIES
DEPARTURE POINT
DEVINE,TX
INTENDED DESTINATION
PEARSALL,TX
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
SYSTEMS - HYDRAULIC SYSTEM SEALS
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
95
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- BRAKE MASTER CYL BY-PASSED FLUID.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1692	8/1/79 TIME - 1700	FT.WORTH,TX	PIPER PA-38 N2385F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 23, 41 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEACHAM FIELD
DEPARTURE POINT
FT.WORTH,TX
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
BRIDGEPORT,TX
TYPE OF ACCIDENT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
TERRAIN - HIGH VEGETATION
TERRAIN - ROUGH/UNEVEN
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
OBSCURATION
CEILING AT ACCIDENT SITE
900
VISIBILITY AT ACCIDENT SITE
3/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
TEMPERATURE-F
74
WIND DIRECTION-DEGREES
70
WIND VELOCITY-KNOTS
25
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- WIND GUSTING 44K

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1719	8/2/79 TIME - 0055	LUBBOCK,TX	PIPER PA-24 N9170P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 126 TOTAL HOURS, 56 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LUBBOCK REGIONAL
DEPARTURE POINT
HARLINGEN,TX
INTENDED DESTINATION
LUBBOCK,TX
TYPE OF ACCIDENT
GEAR RETRACTED
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
SYSTEMS - ELECTRICAL SYSTEM BATTERIES
MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE
REMARKS- BATTERY ELECTROLYTE TOO LOW FOR NORMAL OPERATION

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FILE   DATE        LOCATION         AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                           F  S M/N     PURPOSE

3-1696 8/6/79      MIDLAND,TX       SWEARINGEN SA26AT    CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 30, 4848
       TIME - 1300                  N939WB               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 650 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
       NAME OF AIRPORT - MIDLAND REGIONAL
       DEPARTURE POINT             INTENDED DESTINATION
         MIDLAND,TX                  SAN ANGELO,TX
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         GEAR COLLAPSED                                           LANDING  ROLL

       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       REMARKS- BRASS THREADS FAILED IN GEAR ACTUATOR JACK SCREW.


3-1698 8/7/79    NR.DALLAS,TX       CESSNA 152           CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 24, 256
       TIME - 1448                  N89574               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 11 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LOVE FIELD
       DEPARTURE POINT             INTENDED DESTINATION
         SPRINGFIELD,MO              DALLAS,TX
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  WIRES/POLES                               LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - OTHER
         MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- ATTEMPTED LNDG ON HIGHWAY.STRUCK BARRICADE WHILE AVOIDING COLLISION W CAR.


3-1685 8/14/79     SLAYTON,TX       PIPER PA-25          CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 23, 1252
       TIME - 2000                  N8507L               PX-  0  0  0  PRACTICE                        TOTAL HOURS, 155 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - KITTEN
       DEPARTURE POINT             INTENDED DESTINATION
         SLAYTON,TX                  LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         STALL  MUSH                                              IN FLIGHT  PROCEDURE TURNAROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                             F  S M/N      PURPOSE

3-1694 8/26/79    ROWLETT,TX            CESSNA 150F          CR-  0  0  1  INSTRUCTIONAL                     STUDENT, AGE 26, 33 TOTAL
       TIME - 1445                      N8881S               PX-  0  0  0  TRAINING                          HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                                   INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION           LAST ENROUTE STOP
         ADDISON,TX                   RETURN                         TYLER,TX
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         TERRAIN - WET,SOFT GROUND
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- VALVE ROCKER ARM ASSEMBLY FAILED


3-1721 8/26/79    EL PASO,TX            ERCO 415-D           CR-  0  0  1  NONCOMMERCIAL                     PRIVATE, AGE 66, 211
       TIME - 0930                      N3727H               PX-  0  0  0  PLEASURE/PERSONAL TRANSP          TOTAL HOURS, 159 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
       NAME OF AIRPORT - WEST TEXAS
       DEPARTURE POINT              INTENDED DESTINATION
         EL PASO,TX                   LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  BUILDING(S)                                  TAXI  FROM LANDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS


3-1520 2/23/79    MONUMENT VLY,UT       CESSNA U206          CR-  0  0  1  NONCOMMERCIAL                     COMMERCIAL, AGE 48, 852
       TIME - 1800                      N5080U               PX-  0  0  4  BUSINESS                          TOTAL HOURS, 328 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
       NAME OF AIRPORT - NAVAJO
       DEPARTURE POINT              INTENDED DESTINATION
         MONUMENT VLY,UT              LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                    TAKEOFF  RUN
         COLLIDED WITH  SNOWBANK                                     TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
         MISCELLANEOUS ACTS,CONDITIONS - INCORRECT TRIM SETTING
       FACTOR(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - PREMATURE LIFT-OFF
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SNOW WINDROWS
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT RUNWAY
       REMARKS- MUDDY THAWING RUNWAY SURFACE.
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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                         PILOT DATA
                                                              F  S M/N      PURPOSE

3-1514  3/30/79  NR.DELTA,UT            GRUMMAN G44A         CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 46, 1555
        TIME - 1500                     N111W                PX-  0  0  3  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 199 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          LAS VEGAS,NE                  SALT LAKE CITY,UT
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          WHEELS-UP                                                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
          MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
          PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
        FACTOR(S)
          WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
          WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          BROKEN                                                      2000
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                        RAIN SHOWERS, SNOW SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TYPE OF WEATHER CONDITIONS
          NONE                                                        IFR
        TYPE OF FLIGHT PLAN
          IFR


3-1515  5/18/79     PANGUITCH,UT        PIPER PA-22          CR-  0  0  1  NONCOMMERCIAL               STUDENT, AGE 50, 46 TOTAL
        TIME - 1630                     N8702C               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   HOURS, 38 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - PANGUITCH MUNI
        DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
          KANAB,UT                      PROVO,UT                      PANGUITCH,UT
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - MISCELLANEOUS  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- INDUCTION TUBE LOOSE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1519	5/18/79 TIME - 1030	LOGAN,UT	BELLANCA 7ECA N2898G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 25, 432 TOTAL HOURS, 44 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LOGAN MUNICIPAL
DEPARTURE POINT — LOGAN,UT
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1518	5/21/79 TIME - 1130	GREEN RIVER,UT	PIPER PA-28 N6553F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 44, 8 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GREEN RIVER
DEPARTURE POINT — DELTA,CO
INTENDED DESTINATION — GREEN RIVER,UT
TYPE OF ACCIDENT
OVERSHOOT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-151/	5/25/79 TIME - 2200	NR.BULLFROG,UT	MOONEY M20C N2957L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 7	NONCOMMERCIAL BUSINESS	CERTIFICATE UNKNOWN, AGE 48, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

DEPARTURE POINT — UNKNOWN/NOT REPORTED
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
REMARKS- PILOT CERTIFICATE PREVIOUSLY REVOKED. NIGHT LANDING ON HIGHWAY W TRAFFIC.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1521	7/2/79 TIME - 1530	NR.CLEVELAND,UT	GRUM AMER AA5A N26175 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 3 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 32, 177 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HUNTINGTON
DEPARTURE POINT
CLEVELAND,UT
INTENDED DESTINATION
SALT LAKE CITY,UT
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER - HIGH DENSITY ALTITUDE
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
10000
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
WIND DIRECTION-DEGREES
180
WIND VELOCITY-KNOTS
15
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- EST 10-50# OVER WT. DENSITY ALTITUDE APPROX.9400FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1516	7/21/79 TIME - 0900	NR.RICHFIELD,UT	GRUMMAN G-164A N6589 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 7500 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
RICHFIELD,UT
INTENDED DESTINATION
RICHFIELD,UT
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT MANEUVER TO AVOID OBSTRUCTION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
POWERPLANT - POWERPLANT-INSTRUMENTS FUEL FLOW INDICATOR
MISCELLANEOUS ACTS,CONDITIONS - STUCK
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 4000
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 5300
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1513	8/3/79 TIME - 2300	NR.OGDEN,UT	CESSNA 180K N2871K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 37, 3730 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HILL AFB
DEPARTURE POINT
ROCK SPRINGS,WY
INTENDED DESTINATION
OGDEN,UT
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - LANDED AT WRONG AIRPORT
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
REMARKS- PLT FLEW 9.5HRS ON DAY OF ACCIDENT.SLEPT 6HRS DURING PRECEEDING 48HRS.

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FILE   DATE          LOCATION          AIRCRAFT DATA         INJURIES     FLIGHT                        PILOT DATA
                                                              F  S M/N    PURPOSE

3-1576 4/19/79    BAYSE,VA            PIPER PA-28          CR-  0  0  2  INSTRUCTIONAL                COMMERCIAL, FL.INSTR.,
       TIME - 2215                    N2083G               PX-  0  0  2  DUAL                         AGE 34, 3140 TOTAL HOURS,
                                      DAMAGE-DESTROYED                                                60 IN TYPE, INSTRUMENT
                                                                                                      RATED.
       NAME OF AIRPORT - SKY BRYCE
       DEPARTURE POINT              INTENDED DESTINATION
         BAYSE,VA                     WOODBRIDGE,VA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  TREES                                      TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
       REMARKS- AUTO LDG GEAR SYS EXTENDED GEAR DURING CRITICAL PERIOD OF FLT-REDUCED PERFORMANCE.


3-1577 4/30/79    QUINTON,VA          BELLANCA 17-30       CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, FL.INSTR.,
       TIME - 2215                    N4862V               PX-  0  0  2  PLEASURE/PERSONAL TRANSP     AGE 29, 3559 TOTAL HOURS,
                                      DAMAGE-SUBSTANTIAL                                              16 IN TYPE, INSTRUMENT
                                                                                                      RATED.
       NAME OF AIRPORT - NEW KENT
       DEPARTURE POINT              INTENDED DESTINATION
         HANOVER,VA                   MELFA,VA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - ENGINE STRUCTURE  CRANKSHAFT
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       REMARKS- EXECUTED ENG OUT APCH AT NIGHT


3-1572 5/16/79    WALKERTON,VA        CESSNA 152           CR-  0  0  2  INSTRUCTIONAL                PRIVATE, AGE 48, 395
       TIME - 1850                    N757VV               PX-  0  0  0  CHECK                        TOTAL HOURS, 2 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - WOODBURY FARM
       DEPARTURE POINT              INTENDED DESTINATION
         ASHLAND,VA                   LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  TREES                                      TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       FACTOR(S)
         CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
       REMARKS- DEMONSTRATION SHORT-FLD TKOF.ABORTED AFTER L/O.UNABLE TO STOP ON REMAINING RWY.BIENNIAL REVIEW.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1570	5/17/79 TIME - 1700	CHESAPEAKE,VA	CESSNA 150 N8805U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 38, 54 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SOUTH NORFOLK
DEPARTURE POINT — CHESAPEAKE,VA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
OVERSHOOT
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1569	5/20/79 TIME - 1500	OAK GROVE,VA	LAKE LA4 N2596P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATR,FLIGHT INSTR., AGE 39, 8804 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HARBOR VIEW
DEPARTURE POINT — OAK GROVE,VA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES

PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS GLASSY WATER
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
BROKEN
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
2000
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1567	5/30/79 TIME - 2145	LEXINGTON,VA	CESSNA 150L N21961 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 46 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - L B GLIDERPORT
DEPARTURE POINT — LYNCHBURG,VA
INTENDED DESTINATION — LEXINGTON,VA
TYPE OF ACCIDENT
OVERSHOOT
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
REMARKS- ATTEMPTED NIGHT LDG ON WET GRASS STRIP WITH NO RUNWAY LIGHTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1571	6/6/79 TIME - 1445	PUNGO,VA	CHAMPION 7GCAA N6347N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL ADVERTISING	COMMERCIAL, FL.INSTR., AGE 24, 31[illegible] TOTAL HOURS, 112 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — PUNGO,VA
INTENDED DESTINATION — VIRGINIA BEACH,VA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED

PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)
SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
PITCH CONTROL PROBLEM
REMARKS- ELEV CTL CABLE,P/N 3-1072,CORRODED,FRAYED SEVERAL PLACES,BROKE IN FLT,PARTIAL PITCH CTL WITH PWR.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                              F  S M/N      PURPOSE
3-1573 6/15/79     KEYSVILLE,VA          BEECH 58          CR-  0  0  1   NONCOMMERCIAL           PRIVATE, AGE 37, 932
       TIME - 1400                       N2018T            PX-  0  0  0   CORP/EXEC               TOTAL HOURS, 319 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                       INSTRUMENT RATED.
       NAME OF AIRPORT - KEYSVILLE
       DEPARTURE POINT                 INTENDED DESTINATION
         WINSTON SALEM,NC                RICHMOND,VA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  WIRES/POLES                                LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PILOT FLEW 10HRS IN LAST 24.


3-1576 6/22/79     CLINCHPORT,VA         PIPER PA-28R      CR-  0  0  1   INSTRUCTIONAL           PRIVATE, AGE 20, 123
       TIME - 1925                       N41855            PX-  0  0  1   SOLO                    TOTAL HOURS, 12 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                       NOT INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         JACKSONVILLE,NC                 LEXINGTON,KY
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  FENCE,FENCEPOSTS                           LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - BECAME LOST/DISORIENTED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                            F  S M/N      PURPOSE

3-1574 7/8/79     LEXINGTON,VA        CESSNA 172N         CR-  0  0  1  NONCOMMERCIAL               STUDENT, AGE 45, 103
       TIME - 1500                    N7340D              PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 64 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - L B GLIDERPORT
       DEPARTURE POINT              INTENDED DESTINATION
         DANVILLE,VA                  LEXINGTON,VA
       TYPE OF ACCIDENT
         OVERSHOOT                                           PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                            LANDING  LEVEL OFF/TOUCHDOWN
                                                               LANDING  ROLL
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
         WEATHER - UNFAVORABLE WIND CONDITIONS
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
       WEATHER FORECAST - UNKNOWN/NOT REPORTED

       SKY CONDITION                                         CEILING AT ACCIDENT SITE
         OVERCAST                                              25000
       VISIBILITY AT ACCIDENT SITE                           PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                  NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE               RELATIVE BEARING OF WIND
         NONE                                                  RIGHT CROSS WIND 068-112 DEGREES
       TEMPERATURE-F                                         WIND DIRECTION-DEGREES
         78                                                    150
       WIND VELOCITY-KNOTS                                   TYPE OF WEATHER CONDITIONS
         10                                                    VFR
       TYPE OF FLIGHT PLAN
         NONE
       REMARKS- T/O LONG ON SHORT WET SOD STRIP.RAN OFF R SIDE,HIT TELEPHONE POLE.NO SOLO ENDORSEMENT.

3-1566 7/8/79     WARRENTON,VA        GRUM AMER AA-5      CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 32, 45 TOTAL
       TIME - 1150                    N9629U              PX-  0  0  0  SOLO                        HOURS, ALL IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION     LAST ENROUTE STOP
         WARRENTON,VA                 WARRENTON,VA             CUMBERLAND,MD
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                         IN FLIGHT  NORMAL CRUISE
         HARD LANDING                                          LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- EXHAUSTED FUEL IN L TANK.RIGHT TANK WAS FULL.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1635	3/1/79 TIME - 1515	NR.PORT TOWNSEND,WA	ROBERTSON P210N N4797P DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 36, 992 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  RENTON,WA
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL SPIN
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  MISCELLANEOUS - UNDETERMINED
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- SPIN CHUTE SEPARATED AFTER 7TH TURN OF SPIN TEST.ACFT NOT RECOVERED.PRESUME PILOT DROWNED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1650	4/12/79 TIME - 1015	CAMAS,WA	CESSNA 150 N60053 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 3402 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  EVERGREEN AIRPORT
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
  TERRAIN - HIGH OBSTRUCTIONS
  WEATHER - RAIN
  WEATHER - FOG
WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
  ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  3000
VISIBILITY AT ACCIDENT SITE
  1 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  NONE
REMARKS- IP ELECTED TO CRASH LND ON SIDE OF MTN WHILE STILL VFR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1640	4/25/79 TIME - 0930	NR.MESA,WA	PIPER PA-36 N9901P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 6085 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
MESA,WA
INTENDED DESTINATION
LOCAL

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS

PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE
MISCELLANEOUS ACTS,CONDITIONS - ERRATIC
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 900
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - HILLY
SWATH RUN-HOW FLOWN - UPWIND
REMARKS- PLT STATED GAUGE SHOWED 25 GALS.

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FILE    DATE          LOCATION           AIRCRAFT DATA         INJURIES     FLIGHT                             PILOT DATA
                                                                F  S M/N    PURPOSE

3-1636  5/7/79      CASHMERE,WA         CESSNA 152          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 30, 537
        TIME - 1745                     N24887              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 308 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CASHMERE-DRYDEN
        DEPARTURE POINT              INTENDED DESTINATION
          SEATTLE,WA                   LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          OVERSHOOT                                                LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                     LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
          WEATHER - UNFAVORABLE WIND CONDITIONS
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  PHYSICAL CONDITION OF PASSENGER

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          CLEAR                                                    UNLIMITED
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                     NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  RELATIVE BEARING OF WIND
          NONE                                                     LEFT QUARTERING TAIL WIND 203-247 DEGREES
        WIND DIRECTION-DEGREES                                   WIND VELOCITY-KNOTS
          280                                                      9
        TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
          VFR                                                      NONE
        REMARKS- L WG HIT TREE 12FT AGL.CONT FLT & LND OK. GUSTING TO 16K.

3-1647  5/11/79     MATTAWA,WA          BEECH G-35          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 43, 875
        TIME - 1500                     N1918               PX-  0  0  0  BUSINESS                   TOTAL HOURS, 300 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        NAME OF AIRPORT - PRIVATE STRIP
        DEPARTURE POINT              INTENDED DESTINATION        LAST ENROUTE STOP
          MATTAWA,WA                   UNKNOWN/NOT REPORTED        UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT RUNWAY
        REMARKS- LOOSE DIRT ON TKOF RUN FROM UNIMPROVED RAILROAD BED AIRSTRIP. AREA ADJACENT RECENTLY PLOWED.
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FILE    DATE            LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                           PILOT DATA
                                                                F  S M/N      PURPOSE

3-1645  5/15/79    MOSES LAKE,WA          EL TOMCAT MK5A       CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 33, 3695
        TIME - 0600                       N9044T               PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 1800 IN
                                          DAMAGE-DESTROYED                                               TYPE, NOT INSTRUMENT
                                                                                                         RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          MOSES LAKE,WA                LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                              IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 3500                      KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - GRAIN FIELDS                             TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                GLOVES - USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - SIDES                            TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  1200               SWATH RUN-HOW FLOWN - WIND CALM
        REMARKS- HIT PWR POLE.


3-1634  5/17/79    BELLEVUE,WA            CESSNA 185           CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1625                       N4903C               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    AGE 36, 688 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                             385 IN TYPE, INSTRUMENT
        NAME OF AIRPORT - BELLEVUE                                                                       RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          BELLEVUE,WA                  LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  BUILDING(S)                              TAXI  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
        REMARKS- PLT PROPPED ENG. ACFT HIT HANGAR.


3-1638  5/22/79    VANCOUVER,WA           CESSNA T210          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 57, 1647
        TIME - 1615                       N6886R               PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 871 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - CLARK COUNTY
        DEPARTURE POINT              INTENDED DESTINATION
          TROUTDALE,OR                 VANCOUVER,WA
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          WHEELS-UP                                               LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
        FACTOR(S)
          AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
          SYSTEMS - HYDRAULIC SYSTEM  HYDRAULIC PUMPS
          MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW
        REMARKS- MAIN GR PARTIALLY EXTENDED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1762	5/27/79 TIME - UNK/NR	NR.SKYKOMISH,WA	GRUMMAN SCAN30 N4451 DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, 712 TOTAL HOURS, 49 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WENATCHEE,WA
INTENDED DESTINATION
LAKE STEVENS,WA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
OBSCURATION
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- RECOVERED FROM MTN SLOPE 7/20/79.

CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
RAIN
TYPE OF WEATHER CONDITIONS
IFR

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FILE    DATE         LOCATION             AIRCRAFT DATA         INJURIES     FLIGHT                              PILOT DATA
                                                                F  S M/N     PURPOSE

3-1648  5/29/79  NR.PATTERSON,WA         CESSNA 188B           CR-  0  1  0  COMMERCIAL                     COMMERCIAL, AGE 35, 714
        TIME - 1715                      N8017G                PX-  0  0  0  AERIAL APPLICATION             TOTAL HOURS, 214 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          100 CIRCLE FARMS,WA            LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  PULLUP FROM SWATH RUN
          NOSE OVER/DOWN                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          TERRAIN - WET,SOFT GROUND
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  248                      KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - GRAIN FIELDS                             TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                   GLOVES - USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                            CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                 TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  400                SWATH RUN-HOW FLOWN - WIND CALM


3-1641  6/7/79     GARFIELD,WA           CESSNA 150            CR-  0  0  1  INSTRUCTIONAL                  STUDENT, AGE 26, 23 TOTAL
        TIME - 1605                      N3312J                PX-  0  0  0  SOLO                           HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        NAME OF AIRPORT - GRINNELL
        DEPARTURE POINT               INTENDED DESTINATION
          GARFIELD,WA                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
          COLLIDED WITH  PARKED AIRCRAFT                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        REMARKS- HIT AIR TRACTOR N8590S,MINOR DMG,THEN RAN INTO DITCH.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1649	6/21/79 TIME - 0935	NR.VANCOUVER,WA	CESSNA 172M N1544V DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 39, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TAYLOR'S
DEPARTURE POINT
UNKNOWN/NOT REPORTED
INTENDED DESTINATION
VANCOUVER,WA
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1651	6/24/79 TIME - 1400	FEDERAL WAY,WA	PIPER PA-28 N44096 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 75 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EVERGREEN
DEPARTURE POINT
FEDERAL WAY,WA
INTENDED DESTINATION
SHELTON,WA
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
340
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
73
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE
REMARKS- GUSTING TO 30K. SETTLED INTO TREES.

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                      PILOT DATA
                                                               F  S M/N     PURPOSE

3-1642  6/26/79    MALAGA,WA            CESSNA 152           CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 56, 66 TOTAL
        TIME - 1140                     N757JM               PX-  0  0  0  SOLO                       HOURS, 51 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        DEPARTURE POINT            INTENDED DESTINATION          LAST ENROUTE STOP
          VANCOUVER,WA               RETURN                        WENATCHEE,WA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- BECAME LOST ENROUTE. LND ON ROAD.


3-1639  6/27/79    DALLESPORT,WA        BELL 47G-3B          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, FL.INSTR.,
        TIME - 1830                     N73234               PX-  0  0  1  PRACTICE                   AGE 33, 5183 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                            186 IN TYPE, NOT INSTRU-
                                                                                                      MENT RATED.
        NAME OF AIRPORT - THE DALLES MUNI
        DEPARTURE POINT            INTENDED DESTINATION
          DALLESPORT,WA              LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             LANDING  OTHER
          HARD LANDING                                              LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
        FACTOR(S)
          POWERPLANT - FUEL SYSTEM  CARBURETOR
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- PWR RECOVERY FROM AUTOROTATION.HIT T/R FIRST.CARB LEAN IN CRUISE & FULL POWER CONDITIONS.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1568	6/29/79 TIME - 0915	NR.QUINCY,WA	HILLER ACFT UH-12E N6504R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 38, 2809 TOTAL HOURS, 1241 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: QUINCY,WA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING

PHASE OF OPERATION
IN FLIGHT EN ROUTE TO RELOADING AREA
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISJUDGED ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- DRAIN VALVE ON BOOST PUMP LEAKED,ALLOWED ENG DRIVEN PUMP TO DRAW AIR. LOW ALT FERRY,NO LOAD ABD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1646	7/6/79 TIME - 0520	MOSES LAKE,WA	PIPER PA-25 N4603Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 694 TOTAL HOURS, 170 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: MOSES LAKE,WA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
STALL MUSH

PHASE OF OPERATION
IN FLIGHT FLAREOUT FOR SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 200
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1200
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- ACFT HEAVILY LOADED.

```
FILE   DATE          LOCATION            AIRCRAFT DATA         INJURIES       FLIGHT                        PILOT DATA
                                                               F  S M/N       PURPOSE

3-1633 7/8/79   NR.OTHELLO,WA          PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 32, 54 TOTAL
       TIME - 1530                     N43097               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         PASCO,WA                    OTHELLO,WA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
         COLLIDED WITH  WIRES/POLES                                LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
         MISCELLANEOUS ACTS,CONDITIONS - BENT
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- NR 4 EXHAUST PUSH ROD & HOUSING FOUND BENT. CLEARANCE WAS OK. HIGH TIME ENG.


3-1632 7/20/79  NR.MATTAWA,WA          CESSNA 188B          CR-  0  0  1  COMMERCIAL                 PRIVATE, AGE 26, 1650
       TIME - 1130                     N9845G               PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 750 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - MATTAWA STRIP
       DEPARTURE POINT               INTENDED DESTINATION
         MATTAWA,WA                    LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED                 TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         WEATHER - LOCAL WHIRLWIND
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD
         WEATHER - HIGH DENSITY ALTITUDE
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         CLEAR                                                     UNLIMITED
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                      NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
         NONE                                                      CALM
       TEMPERATURE-F                                             TYPE OF WEATHER CONDITIONS
         97                                                        VFR
       TYPE OF FLIGHT PLAN
         NONE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 1200                        KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - POTATOES                                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                     GLOVES - NOT USED
         GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                              CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT
       REMARKS- NEAR MAX GROSS WT. DENSITY ALT ABOUT 3500FT.SHLDR HARNESS FOLDED IN REEL AGAINST LATCH DOG.
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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                             F  S M/N     PURPOSE

3-1643  7/22/79     PASCO,WA            WACO YKS-6           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 56, 322
        TIME - 1021                     N16512               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - TRI CITIES
        DEPARTURE POINT                 INTENDED DESTINATION          LAST ENROUTE STOP
          VANCOUVER,WA                    HELENA,MT                     PASCO,WA
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                      LANDING  ROLL
          NOSE OVER/DOWN                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS


3-1644  7/23/79     MEAD,WA             TAYLORCRAFT DC-65    CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL, FL.INSTR.,
        TIME - 1750                     N57833               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        AGE 29, 1321 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                                22 IN TYPE, INSTRUMENT
        NAME OF AIRPORT - MEAD                                                                            RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          MEAD,WA                         LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          STALL  MUSH                                                   TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          WEATHER - HIGH DENSITY ALTITUDE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                                 CEILING AT ACCIDENT SITE
          CLEAR                                                         UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                          NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TEMPERATURE-F
          NONE                                                          88
        WIND DIRECTION-DEGREES                                        WIND VELOCITY-KNOTS
          180                                                           12
        TYPE OF WEATHER CONDITIONS                                    TYPE OF FLIGHT PLAN
          VFR                                                           NONE
        REMARKS- SETTLED INTO TREES FROM LOW TURN, DENSITY ALTITUDE 4000FT.
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1637	8/13/79 TIME - 1030	DEER PARK,WA	CESSNA 172K N46652 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 23, 21 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DEER PARK
DEPARTURE POINT
SPOKANE,WA
INTENDED DESTINATION
LOCAL
LAST ENROUTE STOP
DEER PARK,WA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
TEMPERATURE-F
80
WIND DIRECTION-DEGREES
70
WIND VELOCITY-KNOTS
12
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1631	8/15/79 TIME - 1930	NR.EVERETT,WA	ZIPPER HW-1 N22007 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 54, UNK/NR TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
EVERETT,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- SANK IN PUGET SOUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1587	5/14/79 TIME - 0715	FAYETTEVILLE,WV	CESSNA 172L N39870 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 57, 14000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FAYETTEVILLE
DEPARTURE POINT: FAYETTEVILLE,WV
INTENDED DESTINATION: FLORENCE,SC
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)
  MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
  POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- MOUSE NEST IN INDUCT SYS.MATL SUCKED INTO CARB WHEN CARB HT SELECTED.CARB HT SHROUD SCREEN MISSING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1586	7/6/79 TIME - 0945	GARY,WV	BELL 206 N90315 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 2280 TOTAL HOURS, 1520 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: GARY,WV
INTENDED DESTINATION: MINE SITE
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  GEAR COLLAPSED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
  POWERPLANT - TURBINE ASSEMBLY BEARING,SHAFT
  POWERPLANT - LUBRICATING SYSTEM OTHER
  MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- SKID COLLAPSE DUE TO SIDE LOAD IN MUD AFTER LANDING.#6/#7 BEARINGS FAILED.CARBON IN OIL LINE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1736	4/24/79 TIME - 1200	ST. FRANCIS,WI	CESSNA T210N N6485N DAMAGE-SUBSTANTIAL	CR- 0 2 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 66, 4384 TOTAL HOURS, 41 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GEN. MITCHELL
DEPARTURE POINT — GAITHERSBURG,MD
INTENDED DESTINATION — ST. FRANCIS,WI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING MISSED APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
WEATHER - LOW CEILING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION — OBSCURATION
CEILING AT ACCIDENT SITE — 100
VISIBILITY AT ACCIDENT SITE — 1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE — DRIZZLE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — GROUND FOG
TEMPERATURE-F — 54
WIND DIRECTION-DEGREES — 150
WIND VELOCITY-KNOTS — 7
TYPE OF WEATHER CONDITIONS — BELOW MINIMUMS
TYPE OF FLIGHT PLAN — IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1739	7/24/79 TIME - 1920	WAUKESHA,WI	CESSNA 150 N3416V DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 22, 957 TOTAL HOURS, 229 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WAUKESHA CO
DEPARTURE POINT
WAUKESHA,WI
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
FACTOR(S)
WEATHER - THUNDERSTORM ACTIVITY

SKY CONDITION
OBSCURATION
VISIBILITY AT ACCIDENT SITE
1/2 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
500
PRECIPITATION AT ACCIDENT SITE
THUNDERSTORM, RAIN
WIND DIRECTION-DEGREES
240
TYPE OF WEATHER CONDITIONS
IFR
REMARKS- WIND GUSTS TO 58K.PIC DELAYED RETURN TO ARPT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1756	6/6/79 TIME - 1248	WASHINGTON,DC	BELL 47G3B1 N25MP DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 35, 762 TOTAL HOURS, 655 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WASHINGTON,DC
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
FIRE AFTER IMPACT
REMARKS- SETTLED WITH POWER.HIT PWR LINE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1546	5/13/79 TIME - 2150	SAN JUAN,PR	CESSNA 172M N707AC DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 956 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ISLA GRANDE
DEPARTURE POINT — SAN JUAN,PR
INTENDED DESTINATION — ARECIBO,PR
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION — IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - THUNDERSTORM ACTIVITY

SKY CONDITION — BROKEN/LOWER SCATTERED
CEILING AT ACCIDENT SITE — 1500
VISIBILITY AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
TEMPERATURE-F — 76
WIND DIRECTION-DEGREES — 130
WIND VELOCITY-KNOTS — 4
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — NONE

80-4

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

AIRCRAFT ACCIDENT REPORTS

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BRIEF FORMAT
U.S. CIVIL AVIATION
ISSUE NUMBER 7 OF 1979 ACCIDENTS

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16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 300 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

File Numbers: 3-1801 thru 3-2100

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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident
An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury
Any injury which results in death within 7 days of the accident.

Serious Injury
Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage
1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
: Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
: Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
: Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
: Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

EXPLANATORY NOTES

KIND OF FLYING

2. Noncommerical Flying
   Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

   Pleasure
   Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

   Business
   The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

   Corporate/Executive Operations
   The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
   Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
   Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 - 2,250 kilograms	(0 - 4,960 pounds)
2,251 - 5,700 kilograms	(4,961 - 12,565 pounds)
5,701 - 27,000 kilograms	(12,566 - 59,525 pounds)
27,001 - 272,000 kilograms	(59,526 - 599,650 pounds)
272,001 - kilograms and greater	(599,651 pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	CTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CCNTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 7
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	27	33	53	187			300
COPILOT	3	2	1	5			11
DUAL STUDENT		2	2	10			14
CHECK PILOT			1	1			2
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT							
EXTRA CREW							
PASSENGERS	21	24	34	151			230
TOTAL	51	61	91	354		ABOARD	557
OTHER AIRCRAFT							
OTHER GROUND	1	2	1				4
GRAND TOTAL	52	63	92	354			561

INVOLVES 300 TOTAL ACCIDENTS
INVOLVES 32 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 7
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 300 TOTAL ACCIDENTS

INVOLVES 32 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT	2		2	2		2	4		4
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1	1	2				1	1	2
BECAME LOST/DISORIENTED		1	1	3	1	4	3	2	5
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	9		9	3		3	12		12
CONTINUED INTO KNOWN AREA OF SEVERE TURBULENCE				1		1	1		1
DELAYED ACTION IN ABORTING TAKEOFF				7		7	7		7
DELAYED IN INITIATING GO-AROUND				10	1	11	10	1	11
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT					1	1		1	1
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	3		3				3		3
RETRACTED GEAR PREMATURELY				1		1	1		1
INADVERTENTLY RETRACTED GEAR				1		1	1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	2		2	16		16	18		18
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	5		5	23		23	28		28
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	1		1				1		1
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				2		2	2		2
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC		1	1	5	1	6	5	2	7
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				7		7	7		7
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				8		8	8		8
IMPROPER OPERATION OF FLIGHT CONTROLS				4		4	4		4
PREMATURE LIFT OFF				6		6	6		6
IMPROPER LEVEL OFF				15		15	15		15
IMPROPER IFR OPERATION	2		2	1		1	3		3
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	1		1	9		9	10		10
IMPROPER COMPENSATION FOR WIND CONDITIONS				7		7	7		7
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	6	2	8	25	4	29	31	6	37
INADEQUATE SUPERVISION OF FLIGHT	1		1	7		7	8		8
LACK OF FAMILIARITY WITH AIRCRAFT		3	3	1	4	5	1	7	8
MISMANAGEMENT OF FUEL	2		2	18		18	20		20
EXERCISED POOR JUDGMENT				2	1	3	2	1	3
SELECTED UNSUITABLE TERRAIN				13		13	13		13
IMPROPER STARTING PROCEDURES				1		1	1		1
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				1		1	1		1
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				1		1	1		1
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				1		1	1		1
SPONTANEOUS-IMPROPER ACTION				1		1	1		1
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				1		1	1		1
MISJUDGED DISTANCE AND SPEED				10		10	10		10
MISJUDGED DISTANCE				1		1	1		1
MISJUDGED DISTANCE AND ALTITUDE	2		2	11		11	13		13
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE	1		1				1		1
MISJUDGED CLEARANCE				12		12	12		12
MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS				2		2	2		2
IMPROPER RECOVERY FROM BOUNCED LANDING				6		6	6		6
INCAPACITATION				1		1	1		1
PHYSICAL IMPAIRMENT		2	2		1	1		3	3
SPATIAL DISORIENTATION	4		4				4		4
MISUSED OR FAILED TO USE FLAPS				1	1	2	1	1	2
FAILED TO MAINTAIN DIRECTIONAL CONTROL				9		9	9		9
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				5	3	8	5	3	8
FAILED TO ABORT TAKEOFF	2	1	3	2		2	4	1	5
FAILED TO INITIATE GO-AROUND				5		5	5		5
SUBTOTAL	44	11	55	270	18	288	314	29	343
COPILOT									
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	1		1				1		1
IMPROPER IFR OPERATION				1		1	1		1
SUBTOTAL	1		1	1		1	2		2

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
DUAL STUDENT									
FAILED TO OBTAIN/MAINTAIN FLYING SPEED				1		1	1		1
IMPROPER LEVEL OFF				3		3	3		3
IMPROPER COMPENSATION FOR WIND CONDITIONS				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				1		1	1		1
SUBTOTAL				6		6	6		6
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)		1	1	4		4	4	1	5
INADEQUATE MAINTENANCE AND INSPECTION	1		1	13	1	14	14	1	15
OPERATIONAL SUPERVISORY PERSONNEL									
DEFICIENCY, COMPANY MAINTAINED EQMT, SERV, REGULATIONS				1		1	1		1
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
MISCELLANEOUS-PERSONNEL									
GROUND SIGNALMAN					1	1		1	1
PASSENGER		1	1	2		2	2	1	3
DRIVER OF VEHICLE				1		1	1		1
OTHER	1		1	1		1	2		2
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	2	2	4	22	2	24	24	4	28
** AIRFRAME **									
WINGS									
SPARS		1	1					1	1
WING ATTACHMENT FITTINGS, BOLTS		2	2					2	2
FUSELAGE									
DOORS, DOOR FRAMES				1		1	1		1
SEATS				1		1	1		1
LANDING GEAR									
NORMAL RETRACTION/EXTENSION ASSEMBLY				1		1	1		1
WHEELS, TIRES, AXLES				2		2	2		2
BRAKING SYSTEM (NORMAL)				4		4	4		4
GEAR LOCKING MECHANISM				1		1	1		1
OTHER				1		1	1		1
FLIGHT CONTROL SURFACES									
ELEVATOR, ASSEMBLY ATTACHMENTS		1	1					1	1
RUDDER, SURFACES ATTACHMENTS	1	1	2				1	1	2
AILERON, SURFACES ATTACHMENTS					1	1		1	1
HORIZONTAL STABILIZER, ATTACHMENTS		2	2					2	2
SUBTOTAL	1	7	8	11	1	12	12	8	20
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
MASTER AND CONNECTING RODS				1		1	1		1
CYLINDER ASSEMBLY				1	1	2	1	1	2
PISTON, PISTON RINGS					1	1		1	1
VALVE ASSEMBLIES				5	1	6	5	1	6
IGNITION SYSTEM									
MAGNETOES		1	1	3	1	4	3	2	5
FUEL SYSTEM									
LINES AND FITTINGS				1		1	1		1
CARBURETOR				3		3	3		3
PUMPS		1	1	2		2	2	1	3
FUEL INJECTION SYSTEM				3		3	3		3
VENTS, DRAINS, TANK CAPS				2	2	4	2	2	4
RAM AIR ASSEMBLY				1		1	1		1
LUBRICATING SYSTEM									
LINES, HOSES, FITTINGS		1	1					1	1
FILTERS, SCREENS				1		1	1		1
COOLING SYSTEM									

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
PROPELLER AND ACCESSORIES									
BLADES				2		2	2		2
GOVERNORS				1		1	1		1
EXHAUST SYSTEM									
MUFFLERS				1		1	1		1
EXTERNAL SUPERCHARGER	1		1				1		1
ENGINE ACCESSORIES									
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				2		2	2		2
POWERPLANT-INSTRUMENTS									
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS				18		18	18		18
FOREIGN OBJECT DAMAGE				2		2	2		2
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
BLADE, COMPRESSOR ROTOR				1		1	1		1
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
BLADE, TURBINE WHEEL				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	1	3	4	52	6	58	53	9	62
** SYSTEMS **									
ELECTRICAL SYSTEM									
HYDRAULIC SYSTEM									
OTHER				1		1	1		1
FLIGHT CONTROL SYSTEMS									
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL				1		1	1		1
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
MISCELLANEOUS EQUIPMENT									
GLIDER LAUNCH/TOW EQUIPMENT				1		1	1		1
SUBTOTAL				1		1	1		1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
TAIL ROTOR BLADES				2		2	2		2
TRANSMISSION ROTOR DRIVE SYSTEM									
TAIL ROTOR DRIVE SHAFT ASSEMBLY				1		1	1		1
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL				3		3	3		3
** AIRPORTS/AIRWAYS/FACILITIES **									

AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
AIRPORT FACILITIES									
RUNWAY LIGHTING					1	1		1	1
AIRPORT CONDITIONS									
WET RUNWAY					6	6		6	6
SNOW WINDROWS					1	1		1	1
SOFT SHOULDERS (RUNWAY)					3	3		3	3
HIGH VEGETATION				1	1	2	1	1	2
POORLY MAINTAINED RUNWAY SURFACE					1	1		1	1
SOFT RUNWAY					1	1		1	1
OTHER					3	3		3	3
AIRWAYS FACILITIES									
SUBTOTAL				1	17	18	1	17	18
** WEATHER **									
LOW CEILING		9	9		3	3		12	12
RAIN		5	5		3	3		8	8
FOG		4	4		3	3		7	7
SNOW		1	1					1	1
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		1	1					1	1
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING					6	6		6	6
UNFAVORABLE WIND CONDITIONS		1	1	2	12	14	2	13	15
WIND SHEAR					1	1		1	1
SUDDEN WINDSHIFT					1	1		1	1
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS		2	2					2	2
DOWNDRAFTS, UPDRAFTS				1	6	7	1	6	7
LOCAL WHIRLWIND				3	1	4	3	1	4
OBSTRUCTIONS TO VISION					1	1		1	1
HIGH DENSITY ALTITUDE		1	1		10	10		11	11
THUNDERSTORM ACTIVITY		2	2		4	4		6	6
OTHER					1	1		1	1
SUBTOTAL		26	26	6	52	58	6	78	84
** TERRAIN **									
WET, SOFT GROUND				2	9	11	2	9	11
SNOW-COVERED		1	1					1	1
HIGH VEGETATION				2	5	7	2	5	7
HIDDEN OBSTRUCTIONS				1	2	3	1	2	3
ROUGH/UNEVEN		1	1	3	16	19	3	17	20
ROUGH WATER					1	1		1	1
HIGH OBSTRUCTIONS		6	6	2	17	19	2	23	25
LOOSE GRAVEL					1	1		1	1
SANDY					2	2		2	2
OTHER					4	4		4	4
SUBTOTAL		8	8	10	57	67	10	65	75
** MISCELLANEOUS **									
SMOKE IN COCKPIT				1		1	1		1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				6		6	6		6
UNDETERMINED	2		2	4		4	6		6
VORTEX TURBULENCE				2		2	2		2
PROP/JET/ROTOR BLAST				1		1	1		1
EVASIVE MANEUVER TO AVOID COLLISION				1	2	3	1	2	3
UNQUALIFIED PERSON OPERATED AIRCRAFT					1	1		1	1
SUBTOTAL	2		2	15	3	18	17	3	20
GRAND TOTAL	51	57	108	399	156	555	450	213	663
** MISCELLANEOUS ACTS, CONDITIONS **									
FIRE OF UNDETERMINED ORIGIN					2	2		2	2
UNAPPROVED MODIFICATION					1	1		1	1
POOR WELD				1		1	1		1
LEAK/LEAKAGE		2	2	2		2	2	2	4
LOW COMPRESSION				1		1	1		1
RUNWAY CLOSED					1	1		1	1
DOWNWIND					9	9		9	9
OVER TORQUED				1		1	1		1
LOOSE, PART/FITTING				2		2	2		2

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
DISCONNECTED				4		4	4		4
EXCESSIVE-WEAR/PLAY				2		2	2		2
FLUTTER	1		1				1		1
IMPROPERLY INSTALLED				2		2	2		2
OBSTRUCTED				2	1	3	2	1	3
OVERHEATED				1	1	2	1	1	2
EXCESSIVE PRESSURE				1		1	1		1
PRESSURE TOO LOW				2	1	3	2	1	3
VIBRATION, EXCESSIVE					2	2		2	2
ICE-INDUCTION				1		1	1		1
LOAD NOT JETTISONED					1	1		1	1
INTENTIONAL WHEELS UP				2		2	2		2
RAN OFF END OF RUNWAY					9	9		9	9
ALTIMETER SETTING-INCORRECT	1		1				1		1
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				6		6	6		6
CHECKLIST-FAILED TO USE					1	1		1	1
DISREGARD OF GOOD OPERATING PRACTICE					1	1		1	1
IMPROPER EMERGENCY PROCEDURES				1		1	1		1
GUST LOCKS ENGAGED					1	1		1	1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA					1	1		1	1
UNWARRANTED LOW FLYING	1	1	2	1		1	2	1	3
INATTENTIVE TO FUEL SUPPLY				3		3	3		3
MISCALCULATED FUEL CONSUMPTION				2		2	2		2
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT					1	1		1	1
LANDED ON FOAMED RUNWAY					1	1		1	1
IMPROPERLY SECURED				1		1	1		1
FATIGUE FRACTURE				2		2	2		2
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION					3	3		3	3
IMPROPER ALIGNMENT/ADJUSTMENT		1	1	3	1	4	3	2	5
SEPARATION IN FLIGHT		4	4		1	1		5	5
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					1	1		1	1
FIRE IN ENGINE				1	1	2	1	1	2
PILOT FATIGUE		2	2					2	2
FUEL EXHAUSTION	1		1	13		13	14		14
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL				2	1	3	2	1	3
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT		2	2					2	2
ICE-CARBURETOR				5		5	5		5
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG				1	2	3	1	2	3
INTERFERENCE WITH FLIGHT CONTROLS				2		2	2		2
SUNGLARE		1	1		1	1		2	2
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM	1		1	1		1	2		2
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				1		1	1		1
SIMULATED CONDITIONS					2	2		2	2
WATER IN FUEL	1	.	1	2	1	3	3	1	4
AIRCRAFT CAME TO REST IN WATER					11	11		11	11
MISSING				2	1	3	2	1	3
TOUCH AND GO LANDING					7	7		7	7
HYDROPLANING ON WET RUNWAY					1	1		1	1
OVERLOAD FAILURE		3	3		38	38		41	41
MATERIAL FAILURE				17	1	18	17	1	18
FUEL STARVATION	1		1	16		16	17		17

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1801	N7402N	060679	NHOLTVILLE,CA	CESSNA	182D	NONE
3 1802	N63353	051279	SACRAMENTO,CA	CESSNA	150	NONE
3 1803	N88510	060279	COALINGA,CA	AERO COMDR	S2C	NONE
3 1804	N24455	070679	SAN JOSE,CA	CESSNA	152	NONE
3 1805	N821V	061879	NEEDLES,CA	BEECH	A-36	SERIOUS
3 1806	N45950	062979	WINNSBORO,LA	LUSCOMBE	8A	FATAL
3 1807	N16779	042879	NCAMERON,LA	BELL	206L	MINOR
3 1808	N4616F	072079	LAFAYETTE,LA	CESSNA	A185F	FATAL
3 1809	N16710	061279	NVENICE,LA	BELL	206B	MINOR
3 1810	N82450	081679	WESTWEGO,LA	CESSNA	A185F	FATAL
3 1811	N5018F	081179	NMORGAN CITY,LA	BELL	206B	FATAL
3 1812	N3494V	082279	MANDEVILLE,LA	CESSNA	180	NONE
3 1813	N3849W	071479	TREMONT,IL	PIPER	PA-32	NONE
3 1814	N55486	061779	CHICAGO,IL	PIPER	PA-28	NONE
3 1815	N3293C	041779	DEER GROVE,IL	BEECH	E-35	NONE
3 1816	N2283U	072379	FLANAGAN,IL	BRANTLEY	B-2B	NONE
3 1817	N9393C	040779	KEY LARGO,FL	CESSNA	180	NONE
3 1818	N57498	061979	DAYTONA BEACH,FL	BELLANCA	7GCBC	SERIOUS
3 1819	N17080	052679	NFT LAUDERDALE,FL	PIPER	PA-18	NONE
3 1820	N8470F	031679	TALLAHASSEE,FL	PIPER	PA-28	NONE
3 1821	N92110	030979	LAKE COMO,FL	PIPER	J-3	NONE
3 1822	N9461H	011779	OPA LOCKA,FL	CESSNA	172	NONE
3 1823	N8LM	010179	ORLANDO,FL	STEEN	SKYBLT	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1824	N101MC	072079	NNAPLES,FL	PIPER	PA-31	NONE
3 1825	N5694P	042779	SNOWFLAKE,AZ	PIPER	PA-24	FATAL
3 1826	N34320	050879	TUCSON,AZ	CESSNA	320E	FATAL
3 1827	N2035T	060979	MARICOPA,AZ	SCHWEIZER	2-33A	MINOR
3 1828	N1398U	060979	WINSLOW,AZ	CESSNA	172	MINOR
3 1829	N3372R	051979	AGUILA,AZ	CESSNA	182L	MINOR
3 1830	N5877T	051179	LAKE HAVASU,AZ	CESSNA	185	NONE
3 1831	N783EF	052979	PHOENIX AZ	AERO COMDR	680-FL	SERIOUS
3 1832	N9585C	041379	IOLA,WI	PIPER	PA-32R	NONE
3 1833	N5507K	040179	BRISTOL,WI	BELLANCA	7GCBC	NONE
3 1834	N509Y	073079	CHILLICOTHE,OH	SIKORSKY	S-55C	SERIOUS
3 1835	N172KA	070779	BREMERTON,WA	CESSNA	172M	FATAL
3 1836	N759EZ	043079	NQUILCENE,WA	CESSNA	182Q	FATAL
3 1837	N5873N	070679	NLEAVENWORTH,WA	AERO COMDR	114	FATAL
3 1838	N6322S	060879	SEATTLE,WA	CESSNA	T337F	FATAL
3 1839	N9966U	072479	NAUGUSTA,MT	GRUM AMER	AA-5A	FATAL
3 1840	N8179P	051379	WELCH,WV	PIPER	PA-24	FATAL
3 1841	N8921H	022279	SOMERSET,KY	N.AMERICAN	NAVION	FATAL
3 1842	N9138B	072679	NJENKINS,KY	CESSNA	172	FATAL
3 1843	N5RJ	112579	NANNISTON,AL	PIPER	PA-32R	FATAL
3 1844	N4623T	052679	ENGLEWOOD,CO	MAULE	M-4	NONE
3 1845	N1459R	061779	CLEARWATER,MN	GRUMMAN	AA-1B	FATAL
3 1846	N2738F	042679	HILLSBORO,VA	CESSNA	182J	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1847	N201PW	052679	WASHINGTON,DC	MOONEY	M20J	SERIOUS
3 1848	N925RZ	011179	MISSING AIRCRAFT	BEECH	A23A	FATAL
3 1849	N75308	080179	TEMECULA,CA	PIPER	PA-28	NONE
3 1850	N2567W	072279	MONTAGUE,CA	MOONEY	M20C	NONE
3 1851	N9768	071779	YUBA CITY,CA	GRUMMAN	G-164A	NONE
3 1852	N57469	072879	KERNVILLE,CA	BELLANCA	7ECA	NONE
3 1853	N67470	050379	NPOSTON,AZ	GRUMMAN	G-164B	NONE
3 1854	N5064F	071979	OXNARD,CA	HILLER ACFT	FH1100	NONE
3 1855	N4736F	080579	NFALLON,NV	CESSNA	206	MINOR
3 1856	N9132T	072979	WAYNESVILLE,OH	BEECH	B23	SERIOUS
3 1857	N5837B	081479	DEATH VALLEY,CA	CESSNA	182	MINOR
3 1858	N7224V	071979	NSHAFTER,CA	CALLAIR	A-9	FATAL
3 1859	N1450	061779	PASO ROBLES,CA	BENSEN	B8M	FATAL
3 1860	N250W	041279	LINCOLTON,GA	LOCKHEED	L-18	SERIOUS
3 1861	N8432H	042379	NKENANSVILLE,FL	CESSNA	421C	NONE
3 1862	N2916B	031779	LOS ANGELES,CA	BEECH	D-35	FATAL
3 1863	N135W	012579	PITTSBURGH,PA	BEECH	H18	NONE
3 1864	N2262N	081479	ASBURY PARK,NJ	RICHARD	KR-2	NONE
3 1865	N6601F	040879	NJEROME,AZ	PIPER	PA-28R	FATAL
3 1866	N222WF	021879	NFERNLEY,NV	PIPER	PA-28R	FATAL
3 1867	N79954	060579	RENO,NV	CESSNA	172K	NONE
3 1868	N2515U	061079	RENO,NV	CESSNA	170B	NONE
3 1869	N2632H	082179	SUN VALLEY,NV	SCHWEIZER	1-35C	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1870	N6319B	070779	LAS VEGAS,NV	CESSNA	182A	NONE
3 1871	N5019L	071779	NBOULDER CITY,NV	LAKE	LA-4	NONE
3 1872	N6944K	091179	NMARION,AR	GRUMMAN	G-164B	MINOR
3 1873	N2832P	062779	WOLFEBORO,NH	LAKE	LA-4	MINOR
3 1874	N4250A	062479	RIDGEFIELD,CT	BELL	47D-1	NONE
3 1875	N20325	061579	MARLBORO,NJ	CESSNA	172M	SERIOUS
3 1876	N1385X	030279	SEASIDE PARK,NJ	BELL	47G-4A	NONE
3 1877	N24843	030279	ROBBINSVILLE,NJ	CESSNA	152	NONE
3 1878	N9276D	071079	JACKSON,ME	PIPER	PA-18S	NONE
3 1879	N34HP	062979	FARMINGTON,ME	GREAT LAKES	BABY	MINOR
3 1880	N5284G	072179	QUINCY,MA	CESSNA	305A	NONE
3 1881	N714DY	071979	ABILENE,TX	CESSNA	150	NONE
3 1882	N57795	071479	CASTROVILLE,TX	PIPER	PA-18	NONE
3 1883	N4247J	081179	SUGARLAND,TX	PIPER	PA-28	NONE
3 1884	N7022T	082579	MIDLAND,TX	DAVIS	DA-5A	MINOR
3 1885	N2899X	082979	FT WORTH,TX	CESSNA	177	NONE
3 1886	N4669A	082479	JUNCTION,TX	CESSNA	152A	NONE
3 1887	N49155	040579	NCOBBTOWN,GA	CESSNA	152	NONE
3 1888	N86985	052279	AMERICUS,GA	AIR TRACTOR	AT301	MINOR
3 1889	N8728	052879	TUNNEL HILL,GA	BELLANCA	7KCAB	NONE
3 1890	N4026P	070979	SAPELO ISLAND,GA	PIPER	PA-23	NONE
3 1891	N6808V	030579	PINE MOUNTAIN,GA	MOONEY	M20F	NONE
3 1892	N9564U	051379	BLUE RIDGE,GA	GRUM AMER	AA1C	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1893	N7492	060179	NREHOBETH,AL	GRUMMAN	G-164A	MINOR
3 1894	N4935K	060679	THEODORE,AL	NAVION	A	NONE
3 1895	N23621	052279	HARVEST,AL	BEECH	A36	NONE
3 1896	N8179U	063079	RIMROCK,AZ	CESSNA	172	NONE
3 1897	N19939	070479	BULLHEAD CITY,AZ	CESSNA	177	SERIOUS
3 1898	N72963	051379	POSTON,AZ	CESSNA	140	NONE
3 1899	N8385F	052679	GLOBE,AZ	HUGHS	300	MINOR
3 1900	N9636K	031279	NDOUGLAS,AZ	PIPER	PA-32R	NONE
3 1901	N44905	051579	MESA,AZ	DOUGLAS	C-54D	SERIOUS
3 1902	N321MP	061079	BAGDAD,AZ	CESSNA	414	NONE
3 1903	N52RF	060279	SCOTTSDALE,AZ	BOEING	A75	NONE
3 1904	N65937	071179	TUCSON,AZ	SCHWEIZER	1-26E	NONE
3 1905	N3244U	060179	MESA,AZ	CESSNA	182	NONE
3 1906	N8333J	040779	NFREDONIA,AZ	CESSNA	150	NONE
3 1907	N11841	072879	MARANA,AZ	CESSNA	150	NONE
3 1908	N22779	072179	BULLHEAD CITY,AZ	VERI-ESE	1	SERIOUS
3 1909	N2431K	062679	KINGMAN,AZ	CESSNA	T210	NONE
3 1910	N1438T	062979	SHOWLOW,AZ	PIPER	PA-28	NONE
3 1911	N1338E	042979	TUCSON,AZ	AERONCA	7AC	NONE
3 1912	N77MG	060579	NPHOENIX,AZ	CESSNA	401B	MINOR
3 1913	N67700	031479	PHOENIX,AZ	CESSNA	152	NONE
3 1914	N12544	062279	SHIPPENSBURG,PA	CESSNA	172	SERIOUS
3 1915	N7260M	071479	HANOVER,PA	CESSNA	175	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1916	N18077	062779	KITTANNING,PA	CESSNA	150	NONE
3 1917	N8641F	073079	BARNESBORO,PA	HUGHES	300C	NONE
3 1918	N5908L	072279	MONROEVILLE,PA	GRUM AMER	AA-1	NONE
3 1919	N145ML	080979	LEDERACH,PA	CESSNA	172	MINOR
3 1920	N8730N	052279	BERWICK,PA	PIPER	PA-28	SERIOUS
3 1921	N9387T	080979	PROSPECTVILLE,PA	PIPER	PA-38	NONE
3 1922	N9583K	061579	SARANAC LAKE,NY	STINSON	108-2	NONE
3 1923	N974F	061879	MONTICELLO,NY	BEECH	BE55	NONE
3 1924	N80084	052779	WALLKILL,NY	CESSNA	172M	NONE
3 1925	N9155R	052879	E.CHATHAM,NY	SMITH MINI	DSA-1	MINOR
3 1926	N4298P	070379	BROCKPORT,NY	PIPER	PA-23	NONE
3 1927	N2712H	061479	SHIRLEY,NY	SCHWEIZER	SG1-26	NONE
3 1928	N42844	071479	SKANEATELES,NY	PIPER	J-3	SERIOUS
3 1929	N601	072879	DURHAM,NY	CESSNA	185	NONE
3 1930	N666O	072179	GENESEO,NY	PALERMO	ACE	MINOR
3 1931	N31812	070779	ELMIRA,NY	BRIEGLEB	BG-12	SERIOUS
3 1932	N9561U	070479	SHIRLEY,NY	GRUM AMER	AA1-C	NONE
3 1933	N66AJ	080579	WHITE PLAINS,NY	CESSNA	340	NONE
3 1934	N4774B	040879	SENECA FALLS,NY	CESSNA	180	NONE
3 1935	N83152	070779	DERYTER,NY	AERONCA	7AC	NONE
3 1936	N3343T	072879	WALLKILL,NY	CESSNA	177	NONE
3 1937	N16JT	052079	CRYSTAL RIVER,FL	BEECH	B24R	NONE
3 1938	N30199	051979	KISSIMMEE,FL	WACO	UPF-7	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 1939	N7931R	041979	NEWBERRY,FL	BEECH	V35A	NONE
3 1940	N68632	041379	CLEARWATER,FL	BELL	47-D1	NONE
3 1941	N704JB	062379	CALLICOON,NY	CESSNA	150	NONE
3 1942	N143R	062379	ALPLAUS,NY	PIPER	PA-11	FATAL
3 1943	N39006	041879	ORISKANY,NY	GRUM AMER	AA-1C	NONE
3 1944	N1559E	050679	NPATTEN,ME	AERONCA	7CCM	SERIOUS
3 1945	N6831K	061679	FAYETTE,MA	PIPER	PA-16	MINOR
3 1946	N2948X	073079	FRANKLIN,NJ	CESSNA	177	NONE
3 1947	N9162S	032279	ROBBINSVILLE,NJ	BEECH	B24R	NONE
3 1948	N56118	050879	BRIDGEPORT,NJ	PIPER	PA-28	NONE
3 1949	N2028P	062379	NPAMPA,TX	BEECH	V35B	FATAL
3 1950	N6333L	080679	BROOKINGS,SD	GRUMMAN	AA-1B	MINOR
3 1951	N7695Q	011979	MIAMISBURG,OH	CESSNA	310Q	MINOR
3 1952	N5931W	080979	NALTON,MO	PIPER	PA-28	NONE
3 1953	N9320A	081479	NELY,MN	CESSNA	195	FATAL
3 1954	N25833	042379	NWILLIAMTON,SC	CESSNA	152	NONE
3 1955	N73998	070679	SOCORRO,NM	BELL	47G	NONE
3 1956	N80204	031579	LOUISVILLE,KY	BEECH	D-18S	NONE
3 1957	N4227A	060879	PARCHMAN,MS	BELL	47D	NONE
3 1958	N64628	070479	NWEST TISBURY,MA	CICIORA	T-18	NONE
3 1959	N7686S	081779	SYCAMORE,SC	BELLANCA	8GCBC	NONE
3 1960	N9678L	072379	NW.GREENWICH,RI	GRUM AMER	AA1B	SERIOUS
3 1961	N2949U	062879	ST.CROIX,VI	CRESSNA	172	NONE

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3 1962	N734YH	072479	WINDEMERE,FL	CESSNA	172	SERIOUS
3 1963	N4319K	081979	NLAKELAND,FL	NAVION	A	MINOR
3 1964	N9041P	070879	MARSHFIELD,MA	PIPER	PA-24	MINOR
3 1965	N733AP	062779	BOSTON,MA	PIPER	PA-22	NONE
3 1966	N57727	062779	NYERINGTON,NV	PIPER	PA-36	MINOR
3 1967	N2607K	091679	NNO.WINNEMUCCA,NV	CESSNA	180	MINOR
3 1968	N53196	082979	NSLEDGE,MS	CESSNA	A188B	NONE
3 1969	N731EK	090479	GLEN ALLAN,MS	CESSNA	A188B	NONE
3 1970	N48437	082779	NSUNFLOWER,MS	GRUMMAN	G-164A	NONE
3 1971	N555BG	072479	SHOW LOW,AZ	CESSNA	T210M	MINOR
3 1972	N34577	061779	PHOENIX,AZ	CESSNA	177B	NONE
3 1973	N7633T	091379	NPAYSON,AZ	CESSNA	172	NONE
3 1974	N9810C	072879	TAYLOR,AZ	PIPER	PA-28	NONE
3 1975	N9250S	081279	YOUNGSVILLE,PA	BEECH	B-24R	NONE
3 1976	N8004	080179	BEDFORD,PA	PITTS	S1S	MINOR
3 1977	N70RB	040479	SIPESVILLE,PA	BELL	206B	FATAL
3 1978	N69EJ	073079	GREENSBURG,PA	PIPER	PA-28	SERIOUS
3 1979	N43218	061279	ERIE,PA	PIPER	PA-28	NONE
3 1980	N63150	072679	WILLOW GROVE,PA	CESSNA	150	MINOR
3 1981	N57880	072579	DENTON,GA	PIPER	PA-36	NONE
3 1982	N18036	082179	KENNESAW,GA	CESSNA	150L	SERIOUS
3 1983	N4825T	030779	JESUP,GA	PIPER	PA-28	MINOR
3 1984	N50635	072779	CAMILLA,GA	CESSNA	150	NONE

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3 1985	N9822G	080879	ALBANY,GA	CESSNA	188T	NONE
3 1986	N704BL	090379	PRAIRIE,ID	CESSNA	150	NONE
3 1987	N757FG	090179	NBURLEY,ID	CESSNA	152	NONE
3 1988	N63595	092379	MOUNTAIN HOME,ID	CESSNA	180K	NONE
3 1989	N7223V	090279	NGRANDVIEW,ID	CALLAIR	A-9	SERIOUS
3 1990	N8850	083179	ARLINGTON,WA	GREAT LAKES	BABY	NONE
3 1991	N8750H	082579	SNOHOMISH,WA	NAVION	A	NONE
3 1992	N8722	082579	MARTHA LAKE,WA	DEHAVILLAND	MOTH	MINOR
3 1993	N89487	090779	CRESWELL,OR	CESSNA	152	NONE
3 1994	N2015S	091379	CONRAD,MT	CESSNA	172	NONE
3 1995	N85092	070879	SPRING LAKE,MI	AERONCA	7AC	SERIOUS
3 1996	N4916A	082579	LAKE ELSINORE,CA	CESSNA	180	NONE
3 1997	N7445Y	070579	VAN NUYS,CA	PIPER	PA-30	NONE
3 1998	N6NT	073079	SACRAMENTO,CA	CESSNA	P210	NONE
3 1999	N9924U	061679	NS.LAKE TAHOE,CA	GRUM AMER	AA1-C	MINOR
3 2000	N7944D	051379	PALO ALTO,CA	BEECH	H35	MINOR
3 2001	N70660	090179	POINT REYS,CA	PIPER	J-3	MINOR
3 2002	N6628E	063079	GRASS VALLEY,CA	BEECH	C23	NONE
3 2003	N49110	081979	WALNUT CREEK,CA	AERONCA	L-3	NONE
3 2004	N30KB	080879	MADERA,CA	NAVAL FCTY	N3N-3	NONE
3 2005	N5207T	090979	FRAZIER PARK,CA	PIPER	PA-28	SERIOUS
3 2006	N4085W	061779	HESPERIA,CA.	PIPER	PA-32	MINOR
3 2007	N6864M	072179	SUSANVILLE,CA	CESSNA	182	NONE

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3 2008	N4374J	070779	NCHULA VISTA,CA	PIPER	PA-28	MINOR
3 2009	N7399G	071179	PALO ALTO,CA	CESSNA	172K	NONE
3 2010	N7914S	070679	NESCONDIDO,CA	BELL	47G-5	SERIOUS
3 2011	N2829C	060179	GLENDALE,CA	CESSNA	170B	SERIOUS
3 2012	N7605	052379	LLANO,CA	SCHWEIZER	SGS134	NONE
3 2013	N5335V	060879	NPORTERVILLE,CA	HILLER	UH-12E	MINOR
3 2014	N6617K	061979	NBUTTONWILLOW,CA	GRUMMAN	G-164B	SERIOUS
3 2015	N70376	071779	LOWER LAKE,CA	CESSNA	172M	NONE
3 2016	N7077Y	071579	SMARTVILLE,CA	PIPER	PA-30	NONE
3 2017	N9517R	081779	OAKDALE,CA	BEECH	K35	NONE
3 2018	N111ES	081879	FRESNO,CA	BEECH	V35B	NONE
3 2019	N24BT	081379	CASTLE AFB,CA	ROCKWELL IN	690A	NONE
3 2020	N69652	060579	NHANFORD,CA	BOEING	A75	NONE
3 2021	N56936	051279	RAMONA,CA	PIPER	PA-34	NONE
3 2022	N8571R	022079	NSAN JOSE,CA	BEECH	A36	FATAL
3 2023	N2582D	071879	KINGSBURG,CA	CESSNA	170B	NONE
3 2024	N9866	062279	MERIDIAN,CA	GRUMMAN	G-164A	NONE
3 2025	N207FH	070179	SAN DIEGO,CA	BEECH	V35A	SERIOUS
3 2026	N5358	052179	NCHICO,CA	GRUMMAN	G-164A	SERIOUS
3 2027	N66436	063079	SELMAN,CA	CESSNA	150	NONE
3 2028	N2937W	063079	LINCOLN,CA	WEATHERLY	201B	NONE
3 2029	N666FB	061779	LIVERMORE,CA	LET-NP-K	L-13	NONE
3 2030	N7134G	063079	NLIVERMORE,CA	CESSNA	172K	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2031	N9268F	062579	NYUBA CITY,CA	HUGHES	369HS	SERIOUS
3 2032	N7893B	061979	KERMAN,CA	BELL	47G-2	NONE
3 2033	N33565	052079	EL MONTE,CA	PIPER	PA-28	NONE
3 2034	N33260	061379	NEEDLES,CA	CESSNA	177RG	MINOR
3 2035	N3448	072379	SANTA PAULA,CA	BABY GREAT	LAKES	SERIOUS
3 2036	N34493	060279	DAVID,CA	CESSNA	177RG	SERIOUS
3 2037	N1812D	052579	CHARLESTON,WV	BEECH	D-18	FATAL
3 2038	N704Y	072479	TROWBRIDGE,CA	GRUMMAN	G-164	SERIOUS
3 2039	N8578S	071679	NMENDOTA,CA	AIR TRACTOR	AT-301	NONE
3 2040	N3384S	070179	CARLSBAD,CA	CESSNA	210J	NONE
3 2041	N100TF	040379	SAN MARCOS,CA	GRUMMAN	F6F	NONE
3 2042	N7175V	072779	SAN ANDREAS,CA	MOONEY	M20E	MINOR
3 2043	N7091F	090879	EUGENE,OR	CESSNA	150	NONE
3 2044	N8067H	092079	NKAILUA-KONA,HI	BEECH	C-45H	NONE
3 2045	N7052S	060379	DALTON,NH	CESSNA	150H	FATAL
3 2046	N53SA	072079	LAS VEGAS,NV	CESSNA	402B	SERIOUS
3 2047	N1201Z	080679	RENO,NV	BEECH	N35	MINOR
3 2048	N9534F	082579	MOBILE,AL	HUGHES	269B	MINOR
3 2049	N80790	070679	MONTGOMERY,AL	CESSNA	421B	NONE
3 2050	N222SW	070379	HURTSBORO,AL	HUGHES	269C	NONE
3 2051	N82367	082179	AUTAUGAVILLE,AL	PIPER	PA-25	MINOR
3 2052	N121NR	082079	TIMMONSVILLE,SC	HILLER	UH-12E	MINOR
3 2053	N4466W	081279	MESA,AZ	BEECH	E55	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2054	N1270X	072779	NST MATTHEWS,SC	MOONEY	M20E	NONE
3 2055	N49991	100179	KENTWOOD,LA	CESSNA	152	NONE
3 2056	N3582G	091179	NJOHNSONVILLE,SC	CALLAIR	A-9	NONE
3 2057	N8204F	042279	WILLCOX,AZ	CESSNA	150	NONE
3 2058	N38105	082179	NEHRENBERG,AZ	TEX.HEL.	M-74	NONE
3 2059	N3196X	081379	SUNFLOWER,AZ	CESSNA	150	NONE
3 2060	N9211C	090179	SAN RAFAEL,CA	CESSNA	180	NONE
3 2061	N231CT	073079	NFLAGSTAFF,AZ	MOONEY	M20K	NONE
3 2062	N6863M	071279	SUPRISE,AZ	CESSNA	182	NONE
3 2063	N5559W	083079	RIO LINDA,CA	PIPER	PA-28	SERIOUS
3 2064	N39056	072979	NSIMI VALLEY,CA	GRUM AMER	AA1-C	NONE
3 2065	N3002V	100479	CORONA,CA	BEECH	35	NONE
3 2066	N332	082179	NSALTON CITY,CA	N.AMERICAN	P-51D	FATAL
3 2067	N88160	082979	NARABI,GA	AERO CMNDR	S2R600	MINOR
3 2068	N5603G	090779	BRUNSWICK,GA	CESSNA	150	SERIOUS
3 2069	N4887X	080179	CAMILLA,GA	SNOW	S-2R	NONE
3 2070	N1845N	060879	NLAGRANGE,GA	CESSNA	120	NONE
3 2071	N83796	030679	NBLAKELY,GA	AERONCA	7AC	NONE
3 2072	N995T	041679	HAWKINSVILLE,GA	BEECH	35-33	NONE
3 2073	N3115B	082579	NWILLACOOCHEE,GA	CESSNA	170B	NONE
3 2074	N8179V	070279	PELHAM,GA	CESSNA	A188	NONE
3 2075	N2550F	081079	SOCIAL CIRCLE,GA	CHAMPION	7ECA	MINOR
3 2076	N2022Y	050979	BUTLER,GA	BEECH	V35B	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2077	N94480	041679	NKEY WEST,FL	CONVAIR	340	NONE
3 2078	N757NY	071979	LAKE PARK,FL	CESSNA	152	NONE
3 2079	N714KY	073079	MIAMI,FL	CESSNA	150H	NONE
3 2080	N8707H	011279	NMOORE HAVEN,FL	GRUMMAN	G-164A	NONE
3 2081	N5258	072679	NMINTER CITY,MS	GRUMMAN	G-164A	MINOR
3 2082	N45021	072979	NPETAL,MS	NAVAL FCTY	N3N-3	MINOR
3 2083	N56664	081279	NTUTWILER,MS	PIPER	PA-36	NONE
3 2084	N8673H	081379	NMADISON,MS	GRUMMAN	G-164A	NONE
3 2085	N84284	082479	NSHELBY,MS	CESSNA	A188B	NONE
3 2086	N8595S	090479	NGRENADA,MS	AIR TRACTOR	AT-301	MINOR
3 2087	N5044X	090879	NBELZONI,MS	ROCKWELL	S2R	FATAL
3 2088	N7318Q	090679	NCRAWFORD,MS	CESSA	A188B	MINOR
3 2089	N5506A	071779	SUMMERFIELD,FL	BOEING	A75	NONE
3 2090	N2670Z	042879	NMIAMI,FL	BELLANCA	7GCBC	SERIOUS
3 2091	N6873U	060279	POMPANO,FL	MOONEY	M20E	MINOR
3 2092	N49882	042479	NPALATKA,FL	BELL	47G3	SERIOUS
3 2093	N6427N	061979	NSUMMERVILLE,FL	CESSNA	210N	NONE
3 2094	N2342D	072279	MIDDLEBURG,FL	CESSNA	170B	MINOR
3 2095	N777RJ	071879	TAMPA,FL	CESSNA	310	NONE
3 2096	N9393F	082079	WINTER PARK,FL	HUGHES	269B	SERIOUS
3 2097	N757ML	062779	NOPA LOCKA,FL	CESSNA	152	NONE
3 2098	N50494	071679	VERO BEACH,FL	LAKE	LA4200	NONE
3 2099	N49673	092579	NMORGAN CITY,LA	BELL	212	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2100	N14852	060379	NMORGAN CITY,LA	BELL	206B	SERIOUS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1895	5/22/79 TIME - 2310	HARVEST,AL	BEECH A36 N23621 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 23, 393 TOTAL HOURS, 120 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EPPS AIR PARK
DEPARTURE POINT — INTENDED DESTINATION
TUSEALOOSA,AL — HARVEST,AL
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH AIRPORT HAZARD

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

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FILE    DATE          LOCATION              AIRCRAFT DATA          INJURIES        FLIGHT                            PILOT DATA
                                                                    F  S M/N       PURPOSE
3-1893  6/1/79    NR.REHOBETH,AL            GRUMMAN G-164A        CR-  0  0  1   COMMERCIAL                 COMMERCIAL, AGE 35, 1870
        TIME - 1145                         N7492                 PX-  0  0  0   AERIAL APPLICATION         TOTAL HOURS, 312 IN TYPE,
                                            DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION
          DOTHAN,AL                         LOCAL
        TYPE OF ACCIDENT                                                  PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                           IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  900
          KIND OF CROP - TOMATOES                                 KIND OF OPERATION - SPRAYING CROPS
          PILOT'S SEAT BELT - FASTENED-PROPERLY                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          GOGGLES - NOT USED                                      GLOVES - NOT USED
          COCKPIT CRASHPAD - INSTALLED                            CRASH HELMET - AVAILABLE USED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                 CRASH BAR - INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  240                TERRAIN-TYPE - LEVEL,FLAT
        REMARKS- PLT FLEW INTO GROUND TRYING TO AVOID POWERLINES. SWATH RUN-HOW FLOWN - CROSSWIND

3-1894  6/6/79     THEODORE,AL              NAVION A              CR-  0  0  1   NONCOMMERCIAL              COMMERCIAL, AGE 60, 3890
        TIME - 1420                         N4935K                PX-  0  0  0   PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 52 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - IDLE HOUR
        DEPARTURE POINT                   INTENDED DESTINATION
          THEODORE,AL                       THEODORE,AL
        TYPE OF ACCIDENT                                                  PHASE OF OPERATION
          FIRE OR EXPLOSION  ON GROUND                                      STATIC  STARTING ENGINE(S)

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN
          MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2050	7/3/79 TIME - 1145	HURTSBORO,AL	HUGHES 269C N222SW DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 45, 808 TOTAL HOURS, 93 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SOHOY
DEPARTURE POINT
HURTSBORO,AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH CROP
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 15
KIND OF CROP - CORN
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 340
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2049	7/6/79 TIME - 1135	MONTGOMERY,AL	CESSNA 421B N80790 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 30, 4940 TOTAL HOURS, 760 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DANNELLY FIELD
DEPARTURE POINT
MONTGOMERY,AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- DUCT FROM TURBOCHARGER OFF INTAKE MANIFOLD.SELF LOCKING NUT ON DUCT CLAMP,NO SELF LOCK ABILITY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2051	8/21/79 TIME - 0745	AUTAUGAVILLE,AL	PIPER PA-25 N82367 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 41, 3231 TOTAL HOURS, 2426 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
AUTAUGAVILLE,AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
DITCHING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- CARB & FUEL LINES CONTAINED 1/2PT WATER EACH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2048	8/25/79 TIME - 1100	MOBILE,AL	HUGHES 269B N9534F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 32, 3319 TOTAL HOURS, 156 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
MOBILE,AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1843	11/25/79 TIME - 2250	NR.ANNISTON,AL	PIPER PA-32R N5RJ DAMAGE-DESTROYED	CR- 1 1 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 20, 520 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
BIRMINGHA ,AL
INTENDED DESTINATION
ANNISTON,AL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
COPILOT - IMPROPER IFR OPERATION
FIRE AFTER IMPACT
REMARKS- NON-INSTRUMENT RATED PILOT MADE APPROACH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1900	3/12/79 TIME - 0845	NR.DOUGLAS,AZ	PIPER PA-32R N9636K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 46, 6450 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BARD RANCH
DEPARTURE POINT: DOUGLAS,AZ
INTENDED DESTINATION: PHOENIX,AZ
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - IGNITION SYSTEM MAGNETOS
FACTOR(S)
  TERRAIN - OTHER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LND IN CORRAL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1913	3/14/79 TIME - 2045	PHOENIX,AZ	CESSNA 152 N67700 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 18, 61 TOTAL HOURS, 54 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DEER VALLEY
DEPARTURE POINT: PHOENIX,AZ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  IN FLIGHT OTHER
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
  MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
  MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
  WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 59
WIND DIRECTION-DEGREES: 60
WIND VELOCITY-KNOTS: 7
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- LOST ENG PWR WHILE PERFORMING STALLS/TURNS.HIT FENCE DRG FORCED LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1906	4/7/79 TIME - 1245	NR.FREDONIA,AZ	CESSNA 150 N8333J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 19, 33 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ST GEORGE,UT
INTENDED DESTINATION
ST GEORGE,UT
LAST ENROUTE STOP
CEDER CITY,UT
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- WND GUSTING 25K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1865	4/8/79 TIME - 1947	NR.JEROME,AZ	PIPER PA-28R N6601F DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 690 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GRAND CANYON,AZ
INTENDED DESTINATION
PHOENIX,AZ
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
AIRFRAME - FLIGHT CONTROL SURFACES ELEVATOR ASSEMBLY,ATTACHMENTS
AIRFRAME - FLIGHT CONTROL SURFACES RUDDER SURFACES,ATTACHMENTS
AIRFRAME - WINGS WING ATTACHMENT FITTINGS,BOLTS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
WEATHER - RAIN
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
3500
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
RAIN, THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
57
WIND DIRECTION-DEGREES
90
WIND VELOCITY-KNOTS
11
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
VFR
FIRE AFTER IMPACT
REMARKS- EMPENNAGE & RIGHT WING. GENERAL DISINTEGRATION.

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FILE    DATE          LOCATION              AIRCRAFT DATA         INJURIES      FLIGHT                                  PILOT DATA
                                                                  F  S M/N      PURPOSE

3-2057  4/22/79     .ILLCOX,AZ             CESSNA 150           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 26, 191
        TIME - 1850                        N8204F               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 129 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - COCHISE CO.
        DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
          RAMONA,CA                     FT WORTH,TX                   GILA BEND,AZ
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          GEAR COLLAPSED                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1825  4/27/79     SNOWFLAKE,AZ           PIPER PA-24          CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 49, 425
        TIME - 1800                        N5694P               PX-  0  3  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 1 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
          OGALLALA,NE                   PHOENIX,AZ                    DENVER,CO
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          UNDERSHOOT                                                  LANDING  FINAL APPROACH
          COLLIDED WITH  WIRES/POLES                                  LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        FACTOR(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                  LOW ON FUEL


3-1911  4/29/79     TUCSON,AZ              AERONCA 7AC          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 23, 863
        TIME - 1015                        N1338E               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 620 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
          TUCSON,AZ                     TUCSON,AZ                     AVRA VALLEY,AZ
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                        LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  CARBURETOR
          MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- NEEDLE VALVE & SEAT WORN
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1853	5/3/79 TIME - 2300	NR.POSTON,AZ	GRUMMAN G-164B N67470 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 46, 5000 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DUSTER ROAD STRIP
DEPARTURE POINT — POSTON,AZ
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2000
KIND OF CROP - UNKNOWN/NOT REPORTED
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- LANDED ON UNLIT ROAD STRIP
KIND OF OPERATION - FERRY
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 300

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1826	5/8/79 TIME - 1844	TUCSON,AZ	CESSNA 320E N34320 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 48, 2048 TOTAL HOURS, 768 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TUCSON INTL
DEPARTURE POINT — TUCSON,AZ
INTENDED DESTINATION — TUCSON,AZ
LAST ENROUTE STOP — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1830	5/11/79 TIME - 1830	LAKE HAVASU,AZ	CESSNA 185 N5877T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, UNK/NR TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAKE HAVASU CITY
DEPARTURE POINT — INTENDED DESTINATION
SAN DIEGO,CA — LAKE HAVASU,AZ
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
GEAR COLLAPSED — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
WIND VELOCITY-KNOTS
18
TYPE OF FLIGHT PLAN
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
WIND DIRECTION-DEGREES
330
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1898	5/13/79 TIME - 1000	POSTON,AZ	CESSNA 140 N72963 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 32, 1825 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DOUBLE J FARMS
DEPARTURE POINT — INTENDED DESTINATION
BLYTHE,CA — POSTON,AZ
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES

PHASE OF OPERATION
TAXI FROM LANDING
TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE
REMARKS- WNDS GUSTING 20K.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
180
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1901	5/15/79 TIME - 1455	MESA,AZ	DOUGLAS C-54D N44905 DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 0 0 OT- 0 0 1	MISCELLANEOUS TEST	AIRLINE TRANSPORT, AGE 56, 12127 TOTAL HOURS, 4399 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FALCON FIELD
DEPARTURE POINT — INTENDED DESTINATION
MESA,AZ — CHANDLER,AZ
TYPE OF ACCIDENT
COLLIDED WITH DIRT BANK

PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - CHECKLIST-FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - GUST LOCKS ENGAGED
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1829	5/19/79 TIME - 0930	AGUILA,AZ	CESSNA 182L N3372R DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 286 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EAGLE ROOST
DEPARTURE POINT
  SCOTTSDALE,AZ
INTENDED DESTINATION
  AGUILA,AZ
TYPE OF ACCIDENT
  HARD LANDING
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  75
WIND VELOCITY-KNOTS
  12
TYPE OF FLIGHT PLAN
  NONE
FIRE AFTER IMPACT
REMARKS- GUSTS 20K.

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES
  45
TYPE OF WEATHER CONDITIONS
  VFR

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FILE   DATE        LOCATION          AIRCRAFT DATA          INJURIES      FLIGHT                     PILOT DATA
                                                            F  S M/N      PURPOSE

3-1899 5/26/79    GLOBE,AZ           HUGHS 300          CR-  0  0  1  MISCELLANEOUS            COMMERCIAL, AGE 32, 3819
       TIME - 1615                   N8385F             PX-  0  0  0  FERRY                    TOTAL HOURS, 78 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                        NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         GLOBE,AZ                     STAFFORD,AZ
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
       FACTOR(S)
         WEATHER - DOWNDRAFT,UPDRAFTS
         WEATHER - THUNDERSTORM ACTIVITY
         WEATHER - HIGH DENSITY ALTITUDE
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                            CEILING AT ACCIDENT SITE
         CLEAR                                                    UNLIMITED
       VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                     NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TEMPERATURE-F
         NONE                                                     85
       WIND DIRECTION-DEGREES                                   WIND VELOCITY-KNOTS
         270                                                      10
       TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
         VFR                                                      NONE
       REMARKS- WND GUSTING 30K.DENSITY ALT APPROX 8200 FT.


3-1831 5/29/79    PHOENIX AZ         AERO COMDR 680-FL  CR-  0  2  0  COMMERCIAL               COMMERCIAL, AGE 25, 2255
       TIME - 1717                   N783EF             PX-  0  0  0  COMMUTER AIR CARRIER     TOTAL HOURS, 100 IN TYPE,
                                     DAMAGE-SUBSTANTIAL               AIR TAXI-CARGO S-D       INSTRUMENT RATED.
       NAME OF AIRPORT - SKY HARBOR INTL
       DEPARTURE POINT              INTENDED DESTINATION
         LAS VEGAS,NV                 PHOENIX AZ
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             LANDING  FINAL APPROACH
         COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         MISCELLANEOUS - VORTEX TURBULENCE
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- VIOLENT WINGROCK ON FINAL UNCOVERED FUEL SUMP PICKUPS ALLOWING AIR TO ENTER FUEL LINES.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1905	6/1/79 TIME - 1030	MESA,AZ	CESSNA 182 N3244U DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 800 TOTAL HOURS, 118 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FALCON FIELD
DEPARTURE POINT — INTENDED DESTINATION
MESA,AZ — BLANDING,AZ
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH PARKED AIRCRAFT — TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
REMARKS- N3244U,MINOR DAM TO WINGTIP.N4195R,PIPER PA-32,SUBSTANTIAL DAM-FUSELAGE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1903	6/2/79 TIME - 1436	SCOTTSDALE,AZ	BOEING A75 N52RE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL OTHER	AIRLINE TRANSPORT, AGE 47, 9742 TOTAL HOURS, 130 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SCOTTSDALE MUNI
DEPARTURE POINT — INTENDED DESTINATION
SCOTTSDALE,AZ — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
NOSE OVER/DOWN — LANDING ROLL

PROBABLE CAUSE(S)
WEATHER - LOCAL WHIRLWIND

SKY CONDITION — CEILING AT ACCIDENT SITE
SCATTERED — UNLIMITED
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
5 OR OVER(UNLIMITED) — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — TEMPERATURE-F
NONE — 96
WIND DIRECTION-DEGREES — WIND VELOCITY-KNOTS
160 — 13
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
VFR — NONE
REMARKS- SIGHT-SEEING FLT.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                                 PILOT DATA
                                                               F  S M/N     PURPOSE

3-1912  6/5/79   NR.PHOENIX,AZ          CESSNA 401B         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 48, 519
        TIME - 1708                     N77MG               PX-  0  0  0  BUSINESS                   TOTAL HOURS, 140 IN TYPE,
                                        DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          LONG BEACH CA                PHOENIX,AZ
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
          COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        FIRE AFTER IMPACT
        REMARKS- PLT DIDN'T RECALL CHGNG FUEL SEL AFTER PWR LOSS-TIP TNKS SEP & BURNED.L AUX EMPTY.R AUX DEMOLISHED


3-1827  6/9/79      MARICOPA,AZ         SCHWEIZER 2-33A     CR-  0  0  1  NONCOMMERCIAL              STUDENT, AGE 33, 30 TOTAL
        TIME - 1520                     N2035T              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   HOURS, 15 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        NAME OF AIRPORT - ESTRELLA SAILPORT
        DEPARTURE POINT              INTENDED DESTINATION
          MARICOPA,AZ                  LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          MISCELLANEOUS                                             TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT  GLIDER LAUNCH/TOW EQUIPMENT
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- TOW ROPE FAILED.WIND GUSTING 20K.
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FILE    DATE        LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                      PILOT DATA
                                                             F  S M/N      PURPOSE

3-1828  6/9/79      WINSLOW,AZ          CESSNA 172           CR-  0  0  1  INSTRUCTIONAL               PRIVATE, AGE 64, 550
        TIME - 1300                     N1398U               PX-  0  0  1  TRAINING                    TOTAL HOURS, 30 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WINSLOW MUNI
        DEPARTURE POINT               INTENDED DESTINATION
          ST JOHNS,AZ                   WINSLOW,AZ
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          STALL                                                    LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          CLEAR                                                    UNLIMITED
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                     NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  RELATIVE BEARING OF WIND
          NONE                                                     RIGHT CROSS WIND 068-112 DEGREES
        TEMPERATURE-F                                            WIND DIRECTION-DEGREES
          75                                                       300
        WIND VELOCITY-KNOTS                                      TYPE OF WEATHER CONDITIONS
          12                                                       VFR
        TYPE OF FLIGHT PLAN
          NONE


3-1902  6/10/79     BAGDAD,AZ           CESSNA 414           CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 46, 2604
        TIME - 1300                     N321MP               PX-  0  0  3  BUSINESS                    TOTAL HOURS, 729 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - BAGDAD
        DEPARTURE POINT               INTENDED DESTINATION
          LAS VEGAS,NV                  BAGDAD,AZ
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            LANDING  GO-AROUND
          COLLIDED WITH  OBJECT                                    LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  FUEL INJECTION SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
          POWERPLANT - FUEL SYSTEM  PUMPS
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
          MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE PRESSURE
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        REMARKS- SPRING TYPE LOCK WASHER,AN935,IN FUEL PRESS SW.ENG DRIVEN FUEL PUMP MALADJUSTED.WND GSTNG 23 KTS.
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                               F  S M/N    PURPOSE

3-1972  6/17/79    PHOENIX,AZ            CESSNA 177B          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 45, 114
        TIME - 0830                      N34577               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 4 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SKY HARBOR INT
        DEPARTURE POINT               INTENDED DESTINATION
          PHOENIX,AZ                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-1909  6/26/79    KINGMAN,AZ            CESSNA T210          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 46, 636
        TIME - 0920                      N2431K               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 270 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          GRAND CANYON,AZ               BOULDER CITY,NV
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  DESCENDING
          COLLIDED WITH  OBJECT                                    LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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best copy available

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1910	6/29/79 TIME - 1700	SHOWLOW,AZ	PIPER PA-28 N1438T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 19, 32 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHOWLOW
DEPARTURE POINT
SHOWLOW,AZ
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH RUNWAY OR APPROACH LIGHTS
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
180
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT QUARTERING TAIL WIND 203-247 DEGREES
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1896	6/30/79 TIME - 1530	RIMROCK,AZ	CESSNA 172 N8179U DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 39, 288 TOTAL HOURS, 225 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RIMROCK
DEPARTURE POINT
PHOENIX,AZ
INTENDED DESTINATION
RIMROCK,AZ
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
SMOKE
TEMPERATURE-F
95
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
NONE
REMARKS- WND GUST 30 KTS.
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES
130
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1897	7/4/79 TIME - 2230	BULLHEAD CITY,AZ	CESSNA 177 N19939 DAMAGE-NONE	CR- 0 0 1 PX- 0 1 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 500 TOTAL HOURS, 128 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BULLHEAD CITY
DEPARTURE POINT — BULLHEAD CITY,AZ
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT — PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION — STATIC IDLING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
REMARKS- PLT ALLOWED PAX TO WALK AROUND ACFT AT NIGHT WITH ENG RUNNING.PAX WALKED INTO PROP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1904	7/11/79 TIME - 1300	TUCSON,AZ	SCHWEIZER 1-26E N65937 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 64, 457 TOTAL HOURS, 26 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — TUCSON,AZ
INTENDED DESTINATION — TUCSON,AZ
TYPE OF ACCIDENT — COLLIDED WITH OBJECT
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
TERRAIN - HIGH VEGETATION
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT STATED-RELEASED FROM TOW TOO SOON & COULDN'T FIND THERMAL.FORCED LNDG IN MESQUITE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2062	7/12/79 TIME - 1000	SUPRISE,AZ	CESSNA 182 N6863M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 44, 197 TOTAL HOURS, 162 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — WENDEN,AZ
INTENDED DESTINATION — GLENDALE,AZ
TYPE OF ACCIDENT — FIRE OR EXPLOSION IN FLIGHT
PHASE OF OPERATION — IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - FUEL SYSTEM CARBURETOR
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
REMARKS- CARB FLOAT CHAMBER OVERFLOWED.FLOAT HINGE PIN & COTTER PIN RUSTY.WATER & DEBRIS IN CHAMBER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1908	7/21/79 TIME - 0810	BULLHEAD CITY,AZ	VERI-ESE 1 N22779 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 65, 2250 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BULLHEAD CITY
DEPARTURE POINT — INTENDED DESTINATION
BULLHEAD CITY,AZ — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH GROUND/WATER UNCONTROLLED — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1971	7/24/79 TIME - 1330	SHOW LOW,AZ	CESSNA T210M N5558G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 47, 1817 TOTAL HOURS, 1678 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHOW LOW
DEPARTURE POINT — INTENDED DESTINATION
SHOW LOW,AZ — MESA,AZ
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — TAKEOFF INITIAL CLIMB
WHEELS-UP — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- #5 ROD BOLTS,CRANKSHAFT FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1974	7/28/79 TIME - 0810	TAYLOR,AZ	PIPER PA-28 N9810C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 30, 11 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TAYLOR
DEPARTURE POINT — INTENDED DESTINATION
TAYLOR,AZ — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — TAKEOFF RUN
COLLIDED WITH FENCE,FENCEPOSTS — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
REMARKS- STUDENT PLT'S 1ST SUPERVISED SOLO.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1907	7/28/79 TIME - 1720	MARANA,AZ	CESSNA 150 N11841 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 29, 975 TOTAL HOURS, 475 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - AVRA VALLEY
DEPARTURE POINT — MARANA,AZ
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — NOSE OVER/DOWN
PHASE OF OPERATION — TAXI FROM LANDING

PROBABLE CAUSE(S)
WEATHER - LOCAL WHIRLWIND
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 100
WIND DIRECTION-DEGREES — 310
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- PLT STATED ACFT WAS STRUCK BY DUST DEVIL.WND GUSTING 12 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2061	7/30/79 TIME - 1630	NR.FLAGSTAFF,AZ	MOONEY M20K N231CJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 2070 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — FLAGSTAFF,AZ
INTENDED DESTINATION — PRESCOTT AZ
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - ROUGH/UNEVEN

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 80
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- CRASHED DRG TKOF FROM MEADOW AFTER EMERG LNDG & REPAIR.DENSITY ALT APPROX 10700 FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2053	8/12/79 TIME - 1345	MESA,AZ	BEECH E55 N4466W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 51, 1022 TOTAL HOURS, 307 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FALCON FIELD
DEPARTURE POINT: COLORADO SPRINGS,CO
INTENDED DESTINATION: MESA,AZ
TYPE OF ACCIDENT: GEAR COLLAPSED
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
- PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
- PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND

FACTOR(S)
- AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
- MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY
- MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

REMARKS- STANDING WTR ON RWY.ACFT HYDROPLANED OFF END OF RW INTO SOFT TERRAIN.ARPT W LONGER RWY NEARBY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2059	8/13/79 TIME - 1630	SUNFLOWER,AZ	CESSNA 150 N3196X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 325 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: SUNFLOWER,AZ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: TAKEOFF RUN

PROBABLE CAUSE(S)
- PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
- PILOT IN COMMAND - MISJUDGED CLEARANCE

FACTOR(S)
- TERRAIN - HIGH VEGETATION
- TERRAIN - LOOSE GRAVEL

REMARKS-RT.WING STRUCK MESQUITE TREE DURING TAKE OFF RUN ON GRAVEL ROAD.

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FILE    DATE         LOCATION              AIRCRAFT DATA       INJURIES      FLIGHT                              PILOT DATA
                                                                F  S M/N     PURPOSE
3-2058  8/21/79  NR.EHRENBERG,AZ           TEX.HEL. H-74       CR-  0  0  1  COMMERCIAL                    COMMERCIAL, FL.INSTR.,
        TIME - 2000                        N38105              PX-  0  0  0  AERIAL APPLICATION            AGE 40, 10675 TOTAL
                                           DAMAGE-SUBSTANTIAL                                              HOURS, 1000 IN TYPE, NOT
                                                                                                           INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          BLYTHE,AZ                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  TAIL ROTOR                       IN FLIGHT  PROCEDURE TURNAROUND
          HARD LANDING                                              LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM  TAIL ROTOR DRIVE SHAFT ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 6000                      KIND OF OPERATION - DEFOLIATION (LIQUID)
          KIND OF CROP - OTHER                                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                GLOVES - NOT USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - SIDES                            TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  250                SWATH RUN-HOW FLOWN - WIND CALM
          PROCEDURE TURNAROUND - FIRST 1/3 TURN
        REMARKS- WEED CONTROL. TAIL ROTOR OUTPUT ASSEMBLY.
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FILE   DATE        LOCATION           AIRCRAFT DATA       INJURIES      FLIGHT                           PILOT DATA
                                                           F  S M/N     PURPOSE

3-1973 9/13/79  NR.PAYSON,AZ          CESSNA 172          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 36, 131
       TIME - 1300                    N7633T              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        PAYSON,AZ                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             LANDING  GO-AROUND
         COLLIDED WITH  TREES                                      LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
         MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
         MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
       FACTOR(S)
         WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
         TERRAIN - HIGH OBSTRUCTIONS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         CLEAR                                                     UNLIMITED
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                      NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
         NONE                                                      60
       WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
         225                                                       5
       TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
         VFR                                                       NONE
       REMARKS- PLT FAILED TO CLEAR ENG DURING PRCT ENG OUT LND.NO PWR RESPONSE ON WAVE OFF.


3-1872 9/11/79  NR.MARION,AR          GRUMMAN G-164B      CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 33, 1400
       TIME - 1500                    N6944K              PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 1000 IN
                                      DAMAGE-DESTROYED                                             TYPE, NOT INSTRUMENT
                                                                                                   RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        MARION,AR                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                IN FLIGHT  PULLUP FROM SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 1400                        KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - BEANS                                      TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                  GLOVES - NOT USED
         GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
         TERRAIN-TYPE - LEVEL,FLAT                                 ELEVATION-AREA BEING TREATED-FEET -  212
         SWATH RUN-HOW FLOWN - CROSSWIND                           PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2022	2/20/79 NR.SAN JOSE.CA TIME - 1227	BEECH A36 N8571R DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 49, 1178 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — SAN DIEGO.CA
INTENDED DESTINATION — SAN JOSE.CA
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION — IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - SNOW
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION — OBSCURATION
CEILING AT ACCIDENT SITE — 100
VISIBILITY AT ACCIDENT SITE — ZERO
PRECIPITATION AT ACCIDENT SITE — RAIN, SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 34
WIND DIRECTION-DEGREES — 180
WIND VELOCITY-KNOTS — 15
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — VFR
REMARKS- RECOVERY DATE 2/21/79.

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1862	3/17/79 LOS ANGELES.CA TIME - 1505	BEECH D-35 N2916B DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 4900 TOTAL HOURS, 7 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — VAN NUYS.CA
INTENDED DESTINATION — RUBINOUX.CA
TYPE OF ACCIDENT — AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION — IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
AIRFRAME - WINGS WING ATTACHMENT FITTINGS,BOLTS
AIRFRAME - FLIGHT CONTROL SURFACES HORIZONTAL STABILIZER, ATTACHMENTS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
REMARKS- WING ASSEMBLY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2041	4/3/79 TIME - 1245	SAN MARCOS,CA	GRUMMAN F6F N100TF DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 33, 4500 TOTAL HOURS, 50 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
CARLSBAD,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2021	5/12/79 TIME - 0830	RAMONA,CA	PIPER PA-34 N56936 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 25, 2304 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RAMONA
DEPARTURE POINT
SAN DIEGO,CA.
INTENDED DESTINATION
RAMONA,CA
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
DUAL STUDENT - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
WEATHER - SUDDEN WINDSHIFT
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
70
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- GUSTS TO 12K.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

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FILE   DATE        LOCATION           AIRCRAFT DATA        INJURIES     FLIGHT                         PILOT DATA
                                                           F  S M/N     PURPOSE

3-1802 5/12/79     SACRAMENTO,CA      CESSNA 150       CR-  0  0  1  NONCOMMERCIAL                STUDENT, AGE 39, 33 TOTAL
       TIME - 1445                    N63353           PX-  0  0  0  PRACTICE                     HOURS, ALL IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       NAME OF AIRPORT - SACRAMENTO EXECUT
       DEPARTURE POINT              INTENDED DESTINATION      LAST ENROUTE STOP
         SACRAMENTO,CA                RETURN                    FRANKLIN FIELD
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                         LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

3-2000 5/13/79     PALO ALTO,CA       BEECH H35        CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 57, 2070
       TIME - 2111                    N7944D           PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 470 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       NAME OF AIRPORT - PALO ALTO
       DEPARTURE POINT              INTENDED DESTINATION      LAST ENROUTE STOP
         PALO ALTO,CA                 PALO ALTO,CA              LITTLE RIVER,CA
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         UNDERSHOOT                                             LANDING  FINAL APPROACH
         COLLIDED WITH  DIRT BANK                               LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

3-2033 5/20/79     EL MONTE,CA        PIPER PA-28      CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 37, 61 TOTAL
       TIME - 0900                    N33565           PX-  0  0  0  SOLO                         HOURS, 14 IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       NAME OF AIRPORT - EL MONTE
       DEPARTURE POINT              INTENDED DESTINATION
         EL MONTE,CA                  LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- PORPOISED AFTER INITIAL TOUCH DWN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2026	5/21/79 TIME - 1115	NCHICO,CA	GRUMMAN G-164A N5358 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 1100 TOTAL HOURS, 450 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
NCHICO,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1100
KIND OF CROP - RICE
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - SWAMPY/WATER
FIRE AFTER IMPACT
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2012	5/23/79 TIME - 1430	LLANO,CA	SCHWEIZER SGS134 N7605 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 408 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CRYSTAL AIR
DEPARTURE POINT
LLANO,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
MISCELLANEOUS
COLLIDED WITH DITCHES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- SINGLE WHEEL.PREMATURE TOW RELEASE.WND GUSTING 20 KTS.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2011	6/1/79 TIME - 1120	GLENDALE,CA	CESSNA 170B N2829C DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, 1206 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOLLYWOOD-BURBANK
DEPARTURE POINT: LONG BEACH,CA
INTENDED DESTINATION: BANDON,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
FACTOR(S)
TERRAIN - OTHER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
REMARKS- FORCED LNDG ON FREEWAY.INTENTIONALLY TURNED ACFT OFF ROADWAY TO AVOID COLLISION W CARS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2036	6/2/79 TIME - 1802	DAVID,CA	CESSNA 177RG N34493 DAMAGE-NONE	CR- 0 0 1 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 18, 218 TOTAL HOURS, 58 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - UNIVERSITY
DEPARTURE POINT: DAVID,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION
STATIC IDLING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
REMARKS- PAX WALKED INTO PROP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1803	6/2/79 TIME - 0145	COALINGA,CA	AERO COMDR S2C N88510 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 59, 12331 TOTAL HOURS, 5400 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RANCH STRIP
DEPARTURE POINT — COALINGA,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9000
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 675
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
FIRE AFTER IMPACT
REMARKS- CROP-SAFFLOWER

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2020	6/5/79 TIME - 0830	NR.HANFORD,CA	BOEING A75 N69652 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 37, 3510 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — HANFORD,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; NOSE OVER/DOWN
PHASE OF OPERATION — IN FLIGHT RETURN TO STRIP; LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 252
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- FORCED LNDG IN WET/SOGGY ALFALFA FLD.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                         PILOT DATA
                                                                 F  S M/N     PURPOSE

3-1801  6/6/79   NR.HOLTVILLE.CA      CESSNA 182D          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 43, 1028
        TIME - 1140                   N7402N               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 953 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - VENUS RANCH
        DEPARTURE POINT              INTENDED DESTINATION
         HOLTVILLE,CA                  LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
        FACTOR(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-2013  6/8/79   NR.PORTERVILLE.CA    HILLER UH-12E        CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 31, 3202
        TIME - 0830                   N5335V               PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 1330 IN
                                      DAMAGE-DESTROYED                                              TYPE, NOT INSTRUMENT
                                                                                                    RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         PORTERVILLE,CA                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETC.-RESTRICTED VISION
          MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE
          TERRAIN - HIGH OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  900                      KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - FRUIT ORCHARDS                           TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                   GLOVES - NOT USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - SIDES                            TERRAIN-TYPE - ROLLING
          ELEVATION-AREA BEING TREATED-FEET -  500                SWATH RUN-HOW FLOWN - CROSSWIND
        REMARKS- CANOPY COVERED BY SPRAY MIST WHILE SPRAYING ORANGES.COLLIDE W PWR LINES.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2034	6/13/79 TIME - 1030	NEEDLES,CA	CESSNA 177RG N33260 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 54, 1062 TOTAL HOURS, 187 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NEEDES
DEPARTURE POINT — SANTA FE,NM
INTENDED DESTINATION — NEEDLES,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1999	6/16/79 TIME - 1540	NR.S.LAKE TAHOE,CA	GRUM AMER AA1-C N9924U DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, 352 TOTAL HOURS, 71 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - S.LAKE TAHOE
DEPARTURE POINT — S.LAKE TAHOE,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE
WEATHER - DOWNDRAFT,UPDRAFTS
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - ROUGH/UNEVEN
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 59
WIND DIRECTION-DEGREES — 210
WIND VELOCITY-KNOTS — 20
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTING 35K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2006	6/17/79 TIME - 0800	HESPERIA,CA.	PIPER PA-32 N4085W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 65, 798 TOTAL HOURS, 47 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HESPERIA
DEPARTURE POINT
SALINAS,CA.
INTENDED DESTINATION
EL MONTE,CA.
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - WIND SHEAR
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
70
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES
360
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- WND GUSTING 35K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2029	6/17/79 TIME - 1605	LIVERMORE,CA	LET-NP-K L-13 N666FB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 600 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HUMMINGBIRD HAVEN
DEPARTURE POINT — LIVERMORE,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
TERRAIN - HIGH OBSTRUCTIONS

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — RIGHT CROSS WIND 068-112 DEGREES
TEMPERATURE-F — 70
WIND DIRECTION-DEGREES — 215
WIND VELOCITY-KNOTS — 25
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- TAILSKID & RETRACTABLE MAIN GEAR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1859	6/17/79 TIME - 1045	PASO ROBLES,CA	BENSEN B8M N1450 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 67, 259 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PASO ROBLES
DEPARTURE POINT — PASO ROBLES,CA
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- PREVIOUS HARD LNDGS RESULTED W CONTROL RODS BEING BENT & STRAIGHTENED IN THE FIELD.

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES    FLIGHT                              PILOT DATA
                                                              F  S M/N    PURPOSE

3-1805  6/18/79    NEEDLES,CA          BEECH A-36          CR-  0  1  0  NONCOMMERCIAL                  PRIVATE, AGE 51, 1300
        TIME - 0200                    N821V               PX-  0  1  3  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 250 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          PAGE,AZ                      PALM SPRINGS,CA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- R FUEL TANK CONTAINED 25GAL.L TANK 8OZS.FUEL SEL ON L TANK.


3-2032  6/19/79    KERMAN,CA           BELL 47G-2          CR-  0  0  1  COMMERCIAL                     COMMERCIAL, AGE 35, 15500
        TIME - 1500                    N7893B              PX-  0  0  0  AERIAL APPLICATION             TOTAL HOURS, 450 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          KERMAN,CA                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  SWATH RUN
          HARD LANDING                                              LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
          MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 1300                      KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - COTTON                                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          GLOVES - NOT USED                                       GOGGLES - NOT USED
          CRASH HELMET - AVAILABLE USED                           COCKPIT CRASHPAD - NOT INSTALLED
          CRASH BAR - NOT INSTALLED                               TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  200                SWATH RUN-HOW FLOWN - WIND CALM
        REMARKS- AVOIDING WIRES.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2014	6/19/79 TIME - 0635	NR.BUTTONWILLOW.CA	GRUMMAN G-164B N6617K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 38, 8023 TOTAL HOURS, 7000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BUTTONWILLOW,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 7000
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 300
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- COLLIDED W PICKUP TRUCK WHILE SPRAYING UNDER PWRLINES

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2024	6/22/79 TIME - 0830	MERIDIAN,CA	GRUMMAN G-164A N9866 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 45, 12000 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MERIDIAN,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
TERRAIN - HIGH VEGETATION

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9999
KIND OF CROP - CORN
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 50
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- PILOT LANDED IN FLD TO TLK TO FLAGMN.ON TAKEOFF ACFT HIT TREE AND NOSED OVER.FLD 427 FEET LONG

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2031	6/25/79 TIME - 1700	NR.YUBA CITY,CA	HUGHES 369HS N9268F DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	COMMERCIAL, FL.INSTR., AGE 32, 6200 TOTAL HOURS, 1125 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
YUBA CITY,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- IP WAS DEMONSTRATING A LOW LVL AUTOROTATIVE LNDG

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2030	6/30/79 TIME - 1430	NR.LIVERMORE,CA	CESSNA 172K N7134G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 44, 82 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HAYWARD,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PRACTICING STALLS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2028	6/30/79 TIME - 1000	LINCOLN,CA	WEATHERLY 201B N2937W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	AIRLINE TRANSPORT, AGE 57, 25000 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NO NAME
DEPARTURE POINT — INTENDED DESTINATION
LINCOLN,CA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH OBJECT — TAKEOFF RUN
GEAR COLLAPSED — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
TERRAIN - HIGH VEGETATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 100
REMARKS- SPRAY BOOM CAUGHT IN TALL GRASS AND VEERED LEFT INTO HIDDEN DIRT MOUNDS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2027	6/30/79 TIME - 1250	SELMAN,CA	CESSNA 150 N66436 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 38, 10 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SELMA
DEPARTURE POINT — INTENDED DESTINATION
SELMAN,CA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
HARD LANDING — LANDING LEVEL OFF/TOUCHDOWN
GEAR COLLAPSED — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- 3RD LNDG ON 1ST SUPERVISED SOLO.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2002	6/30/79 TIME - 1100	GRASS VALLEY,CA	BEECH C23 N6628F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 29, 46 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NEVADA COUNTY AIR
DEPARTURE POINT: UKIAH,CA
INTENDED DESTINATION: UKIAH,CA
LAST ENROUTE STOP: GRASS VALLEY,CA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- RUNWAY HAD CREST OR RISE HALFWAY ON RNWY.STUDENT THOUGHT IT WAS END OF RNWY.VEERD INTO DITCH BRKNG

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2040	7/1/79 TIME - 1230	CARLSBAD,CA	CESSNA 210J N3384S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 500 TOTAL HOURS, 75 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: SAN DIEGO,CA
INTENDED DESTINATION: SANTA CATALINA,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FOREIGN MATTER IN VENT NOT IDENTIFIED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2025	7/1/79 TIME - 1342	SAN DIEGO,CA	BEECH V35A N207EH DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 35, 783 TOTAL HOURS, 223 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MONTGOMERY FIELD
DEPARTURE POINT: MAMMOTH LAKES,CA
INTENDED DESTINATION: SAN DIEGO,CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH BUILDING(S)
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ACFT PLACARDS WARN-AVOID SLIPS (20 SEC OR MORE) W FUEL TNKS THAN HALF FULL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1997	7/5/79 TIME - 1300	VAN NUYS,CA	PIPER PA-30 N7445Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 336 TOTAL HOURS, 23 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - VAN NUYS
DEPARTURE POINT
VAN NUYS,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GEAR RETRACTED
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2010	7/6/79 TIME - 0745	NR.ESCONDIDO,CA	BELL 47G-5 N7914S DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 44, 2198 TOTAL HOURS, 1350 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
VISTA,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT POWER-ON DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - FOG
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR

CEILING AT ACCIDENT SITE
50
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
50
TYPE OF FLIGHT PLAN
NONE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - UNKNOWN/NOT REPORTED
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
REMARKS- COLLIDED W AVOCADO TREE.

KIND OF OPERATION - FERRY
TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES        FLIGHT                        PILOT DATA
                                                               F  S M/N       PURPOSE

3-1804  7/6/79      SAN JOSE,CA           CESSNA 152          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 45, 983
        TIME - 1330                       N24455              PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 4 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          SANTA ANA,CA                    SAN JOSE,CA
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                  IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  FENCE,FENCEPOSTS                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- HIT FENCE POST.


3-2008  7/7/79    NR.CHULA VISTA,CA       PIPER PA-28         CR-  0  0  2  INSTRUCTIONAL                 PRIVATE, AGE 20, 75 TOTAL
        TIME - 1630                       N4374J              PX-  0  0  0  CHECK                         HOURS, 2 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          SAN DIEGO,CA                    LOCAL
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                  LANDING  GO-AROUND
          HARD LANDING                                                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2009  7/11/79     PALO ALTO,CA          CESSNA 172K         CR-  0  0  2  INSTRUCTIONAL                 ATP,FLIGHT INSTR., AGE
        TIME - 1000                       N7399G              PX-  0  0  2  DUAL                          47, 9000 TOTAL HOURS, 365
                                          DAMAGE-SUBSTANTIAL                                              IN TYPE, INSTRUMENT
                                                                                                          RATED.
        NAME OF AIRPORT - PALO ALTO
        DEPARTURE POINT                 INTENDED DESTINATION
          PALO ALTO,CA                    LOCAL
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          HARD LANDING                                                   LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  OBJECT                                          LANDING  ROLL

        PROBABLE CAUSE(S)
          DUAL STUDENT - IMPROPER LEVEL OFF
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
        REMARKS- COLLIDED W TAXIWAY SIGN & LGTS.
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FILE    DATE           LOCATION          AIRCRAFT DATA         INJURIES        FLIGHT                      PILOT DATA
                                                                F  S M/N       PURPOSE

3-2016  7/15/79    SMARTVILLE,CA      PIPER PA-30           CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 35, 1049
        TIME - 1250                    N7077Y                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 626 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - BIG OAK VALLEY
        DEPARTURE POINT               INTENDED DESTINATION
          CHICO,CA                     SMARTVILLE,CA
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                LANDING  ROLL
          COLLIDED WITH  WIRES/POLES                              LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND


3-2039  7/16/79  NR.MENDOTA,CA        AIR TRACTOR AT-301    CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 39, 7343
        TIME - 1500                    N8578S                PX-  0  0  0  ASSOC CROP CTL ACTIVITY       TOTAL HOURS, 391 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CHANEY RANCH
        DEPARTURE POINT               INTENDED DESTINATION
         MENDOTA,CA                    LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          UNDERSHOOT                                              LANDING  FINAL APPROACH
          COLLISION WITH GROUND/WATER  CONTROLLED                 LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - TOMATOES                                  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                         CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT


3-2015  7/17/79    LOWER LAKE,CA      CESSNA 172M           CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 31, 48 TOTAL
        TIME - 0815                    N70376                PX-  0  0  0  BUSINESS                      HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - PEARCE
        DEPARTURE POINT               INTENDED DESTINATION
          WINNEMUCCA,NV                LOWER LAKE,CA
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          OVERSHOOT                                               LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  DITCHES                                  LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        REMARKS- RUNWAY HAD RECENTLY BEEN SEALED.CONSTRUCTION NEAR APCH END OF RWY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1851	7/17/79 TIME - 0500	YUBA CITY,CA	GRUMMAN G-164A N9768 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 8600 TOTAL HOURS, 6000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CANTRELL STRIP
DEPARTURE POINT: YUBA CITY,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH OBJECT; NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - RICE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 60
REMARKS- SPRAYBOOM HIT WEEDS ALONG EDGE OF STRIP,VEERED INTO RICE FIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2023	7/18/79 TIME - 1030	KINGSBURG,CA	CESSNA 170B N2582D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE UNK/NR, 20250 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DYARS AIRSTRIP
DEPARTURE POINT: KINGSBURG,CA
INTENDED DESTINATION: TULARE,CA
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION: TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
REMARKS- SEAT SLIPPED BACK DURING TKOF.

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES   FLIGHT                         PILOT DATA
                                                               F  S M/N  PURPOSE

3-1858  7/19/79  NR.SHAFTER,CA        CALLAIR A-9          CR-  1  0  0  COMMERCIAL              COMMERCIAL, AGE 24, 446
        TIME - 0630                   N7224V               PX-  0  0  0  AERIAL APPLICATION      TOTAL HOURS, 44 IN TYPE,
                                      DAMAGE-DESTROYED                                           NOT INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
         SHAFTER,CA                   LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                IN FLIGHT  STARTING SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -   40                      KIND OF OPERATION - DUSTING CROPS
          KIND OF CROP - OTHER                                    TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                   GLOVES - NOT USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                 TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  420                SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
        FIRE AFTER IMPACT
        REMARKS- DUSTING SUGAR BEETS.

3-1854  7/19/79    OXNARD,CA          HILLER ACFT FH1100   CR-  0  0  1  MISCELLANEOUS           COMMERCIAL, AGE 31, 1663
        TIME - 1445                   N5064F               PX-  0  0  1  TEST                    TOTAL HOURS, 582 IN TYPE,
                                      DAMAGE-DESTROYED                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - OXNARD
        DEPARTURE POINT             INTENDED DESTINATION
          OXNARD,CA                   LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                          TAKEOFF  INITIAL CLIMB
          HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - MISCELLANEOUS  FOREIGN OBJECT DAMAGE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        FIRE AFTER IMPACT
        REMARKS- SHOP TOWEL IN COMPRESSOR.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2046	7/20/79 TIME - 1133	LAS VEGAS,NV	CESSNA 402B N535A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 2 7	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 43, 3537 TOTAL HOURS, 411 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MCCARRAN INT'L
DEPARTURE POINT — LAS VEGAS,NV
INTENDED DESTINATION — GRAND CANYON,AZ
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
WHEELS-UP

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - COMPANY DISPATCH
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION — BROKEN
CEILING AT ACCIDENT SITE — 5000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 71
WIND DIRECTION-DEGREES — 240
WIND VELOCITY-KNOTS — 8
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — OTHER
REMARKS- PILOT TURNED 150 DEGREES BACK TOWARD ARPT.TCA FLT PLAN.DENSITY ALT APPROX 3500 FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2007	7/21/79 TIME - 0955	SUSANVILLE,CA	CESSNA 182 N6864M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 62, 500 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  RAVENDALE,CA
INTENDED DESTINATION
  SUSANVILLE,CA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
  MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
  MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
  WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
  TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  8000
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  65
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  NONE
REMARKS- FORCED LNDG ON LAVA BED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1850	7/22/79 TIME - 2030	MONTAGUE,CA	MOONEY M20C N2567W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 790 TOTAL HOURS, 136 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SISKIYOU COUNTY
DEPARTURE POINT
  MONTAGUE,CA
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  DUAL STUDENT - IMPROPER LEVEL OFF
  PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES        FLIGHT                          PILOT DATA
                                                                 F  S M/N       PURPOSE

3-2035  7/23/79    SANTA PAULA,CA        BABY GREAT LAKES     CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 64, 1146
        TIME - 1240                       N3448                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 496 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SANTA PAULA
        DEPARTURE POINT               INTENDED DESTINATION
          SANTA PAULA,CA                LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  PROPELLER                            IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - PROPELLER AND ACCESSORIES  BLADES
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
          TERRAIN - SANDY
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                  PROP/ENGINE VIBRATION

3-2038  7/24/79    TROWBRIDGE,CA         GRUMMAN G-164        CR-  0  1  0  COMMERCIAL                    COMMERCIAL, AGE 38, 2400
        TIME - 1130                       N704Y                PX-  0  0  0  AERIAL APPLICATION            TOTAL HOURS, ALL IN TYPE,
                                          DAMAGE-DESTROYED                                                INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          COON CREEK,CA                 LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                    IN FLIGHT  PROCEDURE TURNAROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 2400                         KIND OF OPERATION - DUSTING OTHER
          KIND OF CROP - RICE                                        TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          GLOVES - NOT USED                                          GOGGLES - USED
          CRASH HELMET - AVAILABLE USED                              COCKPIT CRASHPAD - NOT INSTALLED
          CRASH BAR - INSTALLED                                      TANK/HOPPER-LOCATION - FORWARD OF PILOT
          TERRAIN-TYPE - LEVEL,FLAT                                  ELEVATION-AREA BEING TREATED-FEET -  80
          SWATH RUN-HOW FLOWN - CROSSWIND                            PROCEDURE TURNAROUND - SECOND 1/3 TURN
        FIRE AFTER IMPACT
        REMARKS- COLLIDED W PWR LINE.
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FILE    DATE            LOCATION              AIRCRAFT DATA          INJURIES        FLIGHT                          PILOT DATA
                                                                      F  S M/N        PURPOSE

3-2042  7/27/79    SAN ANDREAS,CA         MOONEY M20E           CR-  0  0  1   NONCOMMERCIAL                COMMERCIAL, AGE 33, 690
        TIME - 1045                        N7175V                PX-  0  0  0   PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 100 IN TYPE,
                                           DAMAGE-DESTROYED                                                  INSTRUMENT RATED.
        NAME OF AIRPORT - CALAVERAS COUNTY
        DEPARTURE POINT              INTENDED DESTINATION
          SAN ANDREAS,CA               HAYWARD,CA
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 TAKEOFF  INITIAL CLIMB
          COLLISION WITH GROUND/WATER  CONTROLLED                       TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  FUEL INJECTION SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
          MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
          MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        FIRE AFTER IMPACT
        REMARKS- GREASE/CREAM TYPE MATTER FOUND IN MAIN INLET SCREEN.BENT SPRING IN FUEL INJECTOR PREVENTED BYPASS.


3-1852  7/28/79     KERNVILLE,CA          BELLANCA 7ECA         CR-  0  0  1   MISCELLANEOUS                COMMERCIAL, FL.INSTR.,
        TIME - 1030                        N57469                PX-  0  0  0   FERRY                        AGE 29, 1245 TOTAL HOURS,
                                           DAMAGE-SUBSTANTIAL                                                36 IN TYPE, INSTRUMENT
                                                                                                             RATED.
        NAME OF AIRPORT - KERN VALLEY
        DEPARTURE POINT              INTENDED DESTINATION
          TORRANCE,CA                  KERNVILLE,CA
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                   IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  FENCE,FENCEPOSTS                               LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
        REMARKS- CLEVIS PIN,PN MS20392-2C17,& COTTER PIN DICONNECTED FROM FROM RUDDER PEDAL & BRAKE CYL.


3-2064  7/29/79  NR.SIMI VALLEY,CA        GRUM AMER AA1-C       CR-  0  0  1   NONCOMMERCIAL                PRIVATE, AGE 32, 244
        TIME - 0945                        N39056                PX-  0  0  1   PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 88 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - SANTA SUSANA
        DEPARTURE POINT              INTENDED DESTINATION            LAST ENROUTE STOP
          FULLERTON,CA                 ROSAMOND,CA                     SIMI VALLEY,CA
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          STALL                                                         TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PREMATURE LIFT-OFF
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
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FILE    DATE          LOCATION          AIRCRAFT DATA         INJURIES     FLIGHT                      PILOT DATA
                                                              F  S M/N     PURPOSE

3-1998  7/30/79    SACRAMENTO,CA       CESSNA P210        CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 21, 1455
        TIME - 1500                    N6NT               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 12 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
        NAME OF AIRPORT - SACRAMENTO EX
        DEPARTURE POINT              INTENDED DESTINATION
          VACAVILLE,CA                 LOCAL
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          WHEELS-UP                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  OTHER
          SYSTEMS - HYDRAULIC SYSTEM  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- MAIN GR DOOR ACTUATOR VALVE FAILED.

3-1849  8/1/79     TEMECULA,CA         PIPER PA-28        CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 60, 294
        TIME - 1620                    N75308             PX-  0  0  0  BUSINESS                   TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - RANCHO CALIFORNIA
        DEPARTURE POINT              INTENDED DESTINATION
          BURBANK,CA                   TEMECULA,CA
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          HARD LANDING                                          LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                        LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
          WEATHER - UNFAVORABLE WIND CONDITIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

        SKY CONDITION                                         CEILING AT ACCIDENT SITE
          CLEAR                                                 UNLIMITED
        VISIBILITY AT ACCIDENT SITE                           PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                  NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE               RELATIVE BEARING OF WIND
          NONE                                                  RIGHT CROSS WIND 068-112 DEGREES
        TEMPERATURE-F                                         WIND DIRECTION-DEGREES
          90                                                    220
        WIND VELOCITY-KNOTS                                   TYPE OF WEATHER CONDITIONS
          18                                                    VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- WIND GUSTING TO 30 KNOTS.
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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2004  8/8/79     MADERA,CA              NAVAL FCTY N3N-3     CR-  0  0  1  COMMERCIAL                      COMMERCIAL, AGE 38, 7500
        TIME - 0600                       N30KB                PX-  0  0  0  ASSOC CROP CTL ACTIVITY         TOTAL HOURS, 500 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MADERA,CA
        DEPARTURE POINT               INTENDED DESTINATION
          MADERA,CA                     LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          TURBULENCE                                                 TAKEOFF  INITIAL CLIMB
          COLLISION WITH GROUND/WATER  UNCONTROLLED                  TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          MISCELLANEOUS - VORTEX TURBULENCE
        FACTOR(S)
          TERRAIN - OTHER

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 5000                         KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - GRAPES                                      TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                   GLOVES - USED
          GOGGLES - USED                                             CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                           CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                    ELEVATION-AREA BEING TREATED-FEET -  *ERROR-INVALID CODE*
        REMARKS- HIT CONCRETE CURBS


3-2019  8/13/79    CASTLE AFB,CA          ROCKWELL IN 690A     CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, FL.INSTR.,
        TIME - 1753                       N24BT                PX-  0  0  1  CORP/EXEC                       AGE 46, 2730 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                                 18 IN TYPE, INSTRUMENT
                                                                                                             RATED.
        NAME OF AIRPORT - CASTLE AFB
        DEPARTURE POINT               INTENDED DESTINATION
          FRESNO,CA                     MODESTO,CA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                TAKEOFF  INITIAL CLIMB
          WHEELS-UP                                                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  WHEELS,TIRES,AXLES
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
          MISCELLANEOUS ACTS,CONDITIONS - LANDED ON FOAMED RUNWAY
        REMARKS- RGT MAIN WHEEL BEARING FAILED & WHEEL SEPARATED IN FLT.
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FILE    DATE          LOCATION             AIRCRAFT DATA          INJURIES     FLIGHT                             PILOT DATA
                                                                   F  S M/N    PURPOSE

3-1857  8/14/79     DEATH VALLEY,CA      CESSNA 182            CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 49, 1065
        TIME - 0730                      N5837B                PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 571 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - DEATH VALLEY
        DEPARTURE POINT                INTENDED DESTINATION
          DEATH VALLEY,CA                BOULDER CITY,NV
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          NOSE OVER/DOWN                                                TAXI  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
        REMARKS- ACFT GOT AWAY FROM PLT AFTR HE PROPPED THE ENG.NOSED OVER IN SOFT SAND.


3-2017  8/17/79     OAKDALE,CA           BEECH K35             CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 30, 483
        TIME - 1000                      N9517R                PX-  0  0  0  BUSINESS                      TOTAL HOURS, 11 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - OAKDALE MUNI
        DEPARTURE POINT                INTENDED DESTINATION
          FRESNO,CA                      OAKDALE,CA
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 LANDING  GO-AROUND
          COLLISION WITH GROUND/WATER  CONTROLLED                       LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2018  8/18/79     FRESNO,CA            BEECH V35B            CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 55, 77 TOTAL
        TIME - 1523                      N111ES                PX-  0  0  3  PRACTICE                      HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - CHANDLER
        DEPARTURE POINT                INTENDED DESTINATION
          SAN JOSE,CA                    FRESNO,CA
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          HARD LANDING                                                  LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES      FLIGHT                          PILOT DATA
                                                               F  S M/N     PURPOSE

3-2003  8/19/79    WALNUT CREEK,CA      AERONCA L-3          CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 46, 928
        TIME - 1915                     N49119               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 18 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          MADERA,CA                      CONCORD,CA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  DESCENDING
          COLLIDED WITH  TREES                                        LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2066  8/21/79     NSALTON CITY,CA     N.AMERICAN P-51D     CR-  1  0  0  NONCOMMERCIAL                   PRIVATE, AGE 53, 4500
        TIME - 1315                     N332                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 50 IN TYPE,
                                        DAMAGE-DESTROYED                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          YUMA,AZ                        OXNARD,CA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                 IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          AIRFRAME - FLIGHT CONTROL SURFACES  RUDDER SURFACES,ATTACHMENTS
          MISCELLANEOUS ACTS,CONDITIONS - FLUTTER
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
        REMARKS- PACKARD ROLLS-ROYCE V-1650-7 ENG.FLIGHT PHASE UNKNOWN.GENERAL DISINTEGRATION.


3-1996  8/25/79     LAKE ELSINORE,CA    CESSNA 180           CR-  0  0  1  MISCELLANEOUS                   COMMERCIAL, FL.INSTR.,
        TIME - 1315                     N4916A               PX-  0  0  4  PARAJUMP-SPORT                  AGE 21, 796 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                                 6 IN TYPE, INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - SKYLARK
        DEPARTURE POINT                INTENDED DESTINATION
          LAKE ELSINORE,CA               LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    TAKEOFF  RUN
          GEAR COLLAPSED                                              TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- APRX 240LBS OVER MAX GWT,CG AFT OF REAR LIMIT.
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BRIEFS OF ACCIDENTS

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FILE    DATE           LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                      PILOT DATA
                                                                  F  S M/N    PURPOSE
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3-2063  8/30/79    RIO LINDA,CA         PIPER PA-28          CR-  0  1  1  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
        TIME - 1750                     N5559U               PX-  0  0  0  DUAL                       AGE 41, 1851 TOTAL HOURS,
                                        DAMAGE-DESTROYED                                              100 IN TYPE, INSTRUMENT
                                                                                                      RATED.

        NAME OF AIRPORT - RIO LINDA
        DEPARTURE POINT                 INTENDED DESTINATION
          RIO LINDA,CA                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - FUEL SYSTEM  LINES AND FITTINGS
          MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
          MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- FOREIGN MATERIAL (TYPICAL MUD DAUBER DEPOSIT) FOUND IN FUEL LINE.


3-2060  9/1/79      SAN RAFAEL,CA       CESSNA 180           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 37, 1318
        TIME - 1800                     N9211C               PX-  0  0  3  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 854 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - SMITH
        DEPARTURE POINT                 INTENDED DESTINATION
          SAN RAFAEL,CA                   COLUMBIA,CA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  TAKEOFF  RUN
          COLLIDED WITH  DITCHES                                    TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT SHOULDERS
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2001	9/1/79 TIME - 1300	POINT REYS,CA	PIPER J-3 N70660 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PETALUMA,CA
INTENDED DESTINATION
MENDOCINO,CA
LAST ENROUTE STOP
BODEGA BAY,CA
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - SANDY
TERRAIN - OTHER
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- COLLIDED W PATCH OF WATER DRG TKOF ON WET SANDY BEACH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2005	9/9/79 TIME - 1920	FRAZIER PARK,CA	PIPER PA-28 N5207T DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE UNK/NR, 1333 TOTAL HOURS, 37 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DON WARNER RANCH
DEPARTURE POINT
FRAZIER PARK,CA
INTENDED DESTINATION
VAN NUYS,CA
TYPE OF ACCIDENT
STALL MUSH
COLLIDED WITH OBJECT
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
DUAL STUDENT - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- COLLIDED W TALL MACHINERY AT END OF RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2065	10/4/79 TIME - 1600	CORONA,CA	BEECH 35 N3002V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 61, 1410 TOTAL HOURS, 938 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CORONA MUNI
DEPARTURE POINT: CORONA,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
- AIRFRAME FAILURE ON GROUND
- COLLIDED WITH DITCHES

PHASE OF OPERATION
- LANDING ROLL
- LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1844	5/26/79 TIME - 1100	ENGLEWOOD,CO	MAULE M-4 N4623T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS TEST	PRIVATE, AGE 53, 648 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARAPAHOE COUNTY
DEPARTURE POINT: ENGLEWOOD,CO
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
- HARD LANDING
- NOSE OVER/DOWN

PHASE OF OPERATION
- LANDING LEVEL OFF/TOUCHDOWN
- LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT
REMARKS- NON-RATED MECHANIC AT CONTROLS OF AIRCRAFT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1874	6/24/79 TIME - 0750	RIDGEFIELD,CT	BELL 47D-1 N4250A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 42, 2539 TOTAL HOURS, 160 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DANBURY
DEPARTURE POINT — MAHOPAC,NY
INTENDED DESTINATION — RIDGEFIELD,CT
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE INDUCTION
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION — BROKEN
CEILING AT ACCIDENT SITE — 5000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 57
WIND DIRECTION-DEGREES — 330
WIND VELOCITY-KNOTS — 4
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- AUTOROTATIVE LNDG INTO A PVT PARKING LOT.FLT OVER DENSELY WOODED AREA W FEW LNDG AREAS AVAILABLE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1820	3/16/79 TIME - 1430	TALLAHASSEE,FL	PIPER PA-28 N8470F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 47, 186 TOTAL HOURS, 124 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TALLAHASSEE MUNI
DEPARTURE POINT — JACKSONVILLE,FL
INTENDED DESTINATION — TALLAHASSEE,FL
TYPE OF ACCIDENT
COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND SIGNALMAN
REMARKS- N13407 MINOR DAMAGE.LINEMAN DIRECTING ACFT TO PARKING SPOT.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1823	1/1/79 TIME - 1115	ORLANDO,FL	STEEN SKYBLT N8LM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 59, 6000 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ZELLYWOOD,FL
INTENDED DESTINATION
ORLANDO,FL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LANDED SHORT OF INTENDED FIELD DURING OFF AIRPORT EMERGENCY LANDING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2080	1/12/79 TIME - 0840	NR.MOORE HAVEN,FL	GRUMMAN G-164A N8707H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 46, 8500 TOTAL HOURS, 1700 IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - MOORE HAVEN
DEPARTURE POINT
MOORE HAVEN,FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
WEATHER - RAIN
MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETC.-RESTRICTED VISION
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
1000
VISIBILITY AT ACCIDENT SITE
2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
TEMPERATURE-F
75
WIND DIRECTION-DEGREES
125
WIND VELOCITY-KNOTS
10
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- PIC LANDED IN FIELD USED AS AUX LANDING STRIP

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1822	1/17/79 TIME - 1240	OPA LOCKA,FL	CESSNA 172 N9461H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 23, 209 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OPA LOCKA WEST
DEPARTURE POINT — OPA LOCKA,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — TAKEOFF ABORTED
COLLIDED WITH DIRT BANK — TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
TERRAIN - HIDDEN OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1821	3/9/79 TIME - 1710	LAKE COMO,FL	PIPER J-3 N92110 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 661 TOTAL HOURS, 180 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - THUNDERBIRD
DEPARTURE POINT — LAKE COMO,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- LEFT BRAKE FOUND TO BE INOP DUE RUPTURED DIAPHRAM.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1817	4/7/79 TIME - 1200	KEY LARGO,FL	CESSNA 180 N9393C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 643 TOTAL HOURS, 106 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PORT LARGO
DEPARTURE POINT — SANIBEL ISLAND,FL
INTENDED DESTINATION — KEY LARGO,FL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND VELOCITY-KNOTS — 20
TYPE OF FLIGHT PLAN — VFR
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 70
TYPE OF WEATHER CONDITIONS — VFR
REMARKS- PORT LARGO RPTD WINDS GUSTING TO 30KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1940	4/13/79 TIME - 1200	CLEARWATER,FL	BELL 47-D1 N68632 DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 37, 564 TOTAL HOURS, 68 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLEARWATER EXEC
DEPARTURE POINT — CLEARWATER,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
HARD LANDING
ROLL OVER
PHASE OF OPERATION
LANDING POWER-ON LANDING
LANDING POWER-ON LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2077	4/16/79 TIME - 0030	NR.KEY WEST,FL	CONVAIR 340 N9448C DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL OTHER	COMMERCIAL, AGE 39, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KEY WEST
DEPARTURE POINT
KEY WEST,FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS-SOFT MUD & LARGE CORAL ROCKS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1939	4/19/79 TIME - 1630	NEWBERRY,FL	BEECH V35A N7931R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 34, 4521 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NEWBERRY
DEPARTURE POINT
NEWBERRY,FL
INTENDED DESTINATION
BAXLEY,GA
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- ACFT DRIFTED LEFT INTO FENCE AFTER TAKEOFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1861	4/23/79 TIME - UNK/NR	NR.KENANSVILLE,FL	CESSNA 421C N8432N DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
UNDETERMINED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FIRE AFTER IMPACT
REMARKS- CARRYING ILLEGAL DRUGS.INJURY INDEX PRESUMED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2092	4/24/79 TIME - 0600	NR.PALATKA,FL	BELL 47G3 N49882 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 33, 7600 TOTAL HOURS, 485 IN TYPE, UNK/NR INSTRUMENT RATED.

DEPARTURE POINT HASTINGS,FL — INTENDED DESTINATION PALATKA,FL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE TAIL ROTOR
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 4174
KIND OF CROP - POTATOES
PILOT'S SEAT BELT - FASTENED-PROPERLY
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
ELEVATION-AREA BEING TREATED-FEET - 52
REMARKS- FAILURE OF ROTOR BLADES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2090	4/28/79 TIME - 0930	NR.MIAMI,FL	BELLANCA 7GCBC N26707 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 775 TOTAL HOURS, 170 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT HOLLYWOOD,FL — INTENDED DESTINATION MIAMI,FL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1938	5/19/79 TIME - 1900	KISSIMMEE,FL	WACO UPF-7 N30199 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 405 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TROPICAL SKY
DEPARTURE POINT KISSIMMEE,FL — INTENDED DESTINATION LOCAL
TYPE OF ACCIDENT
UNDERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1937	5/20/79 TIME - 2020	CRYSTAL RIVER,FL	BEECH A24R N16JT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 26, 150 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - POST OAK RANCH
DEPARTURE POINT — INTENDED DESTINATION
BOCA RATON,FL — CRYSTAL RIVER,FL
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1819	5/26/79 TIME -	NR.FT LAUDERDALE,FL	PIPER PA-18 N1708O DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL ADVERTISING	COMMERCIAL, AGE 59, 8148 TOTAL HOURS, 3505 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FT.LAUDERDALE
DEPARTURE POINT — INTENDED DESTINATION
FT LAUDERDALE,FL — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
DITCHING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
REMARKS- L FUEL CAP CONTAMINATED W RUST PARTICLES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2091	6/2/79 TIME - 0900	POMPANO,FL	MOONEY M20E N6873U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 440 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - POMPANO AIR PARK
DEPARTURE POINT — INTENDED DESTINATION
POMPANO,FL — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
POWERPLANT - IGNITION SYSTEM MAGNETOS
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- 4 SCREWS HOLDING DISTRIBUTOR BLOCK OF R MAG WORKED OUT.

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                              F  S M/N     PURPOSE
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3-2093  6/19/79  NR.SUMMERVILLE,FL     CESSNA 210N          CR-  0  0  1  NONCOMMERCIAL                STUDENT, AGE 24, 474
        TIME - 1800                     N6427N               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 91 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - DALLAS
        DEPARTURE POINT               INTENDED DESTINATION
          SILVER SPRINGS,FL            SUMMERVILLE,FL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  TREES                                        LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
        REMARKS- BRAKE FLUID FOUND IN FUSELAGE WHERE UNION,P/N AN832-3D,& BRAKE LINE P/N1280506-106,JOIN.


3-1818  6/19/79     DAYTONA BEACH,FL    BELLANCA 7GCBC       CR-  0  1  0  COMMERCIAL                  COMMERCIAL, AGE 37, 3587
        TIME - 1221                     N57498               PX-  0  0  0  AERIAL ADVERTISING           TOTAL HOURS, 460 IN TYPE,
                                        DAMAGE-DESTROYED                                                INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          ORMOND BEACH,FL               LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          STALL                                                       IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        REMARKS- STALLED WHILE CIRCLING TO ASSIST LIFEGUARDS IN LOCATING BODY IN WATER.


3-2097  6/27/79  NR.OPA LOCKA,FL       CESSNA 152           CR-  0  0  1  INSTRUCTIONAL               PRIVATE, AGE 26, 112
        TIME - 1155                     N757ML               PX-  0  0  1  TRAINING                    TOTAL HOURS, 62 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - OPA LOCKA WEST
        DEPARTURE POINT               INTENDED DESTINATION
          OPA LOCKA,FL                  RETURN
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          UNDERSHOOT                                                  LANDING  FINAL APPROACH
          NOSE OVER/DOWN                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2098	7/16/79 TIME - 1700	VERO BEACH,FL	LAKE LA4200 N50494 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 37, 4129 TOTAL HOURS, 6 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - VERO BEACH MUNI
DEPARTURE POINT: VALKARIA,FL
INTENDED DESTINATION: VERO BEACH,FL
TYPE OF ACCIDENT: WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
REMARKS- TWR ADVISED ACFT GEAR NOT DOWN ON FINAL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2089	7/17/79 TIME - 1530	SUMMERFIELD,FL	BOEING A75 N55064 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 46, 2500 TOTAL HOURS, 502 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DALLAS
DEPARTURE POINT: CITRA,FL
INTENDED DESTINATION: SUMMERFIELD,FL
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 6500
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
KIND OF OPERATION - FERRY
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2095	7/18/79 TIME - 2300	TAMPA,FL	CESSNA 310 N777RJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS FERRY	ATP,FLIGHT INSTR., AGE 30, 2802 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TAMPA INTL
DEPARTURE POINT: CRYSTAL RIVER,FL
INTENDED DESTINATION: TAMPA,FL
TYPE OF ACCIDENT: WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR GEAR LOCKING MECHANISM
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- SEVERAL LINKAGES & FITTINGS MISSING FM L M/G & RELATED DOOR MECHANISMS.

BRIEFS OF ACCIDENTS

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FILE    DATE         LOCATION            AIRCRAFT DATA         INJURIES       FLIGHT                        PILOT DATA
                                                                F  S M/N      PURPOSE

3-2078  7/19/79    LAKE PARK,FL         CESSNA 152            CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE UNK/NR, 35
        TIME - 0800                      N757NY                PX-  0  0  0  SOLO                         TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PALM BEACH GARDEN
        DEPARTURE POINT                INTENDED DESTINATION
          LAKE PARK,FL                   LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                      TAKEOFF  ABORTED
          COLLIDED WITH  DIRT BANK                                      TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF


3-1824  7/20/79  NR.NAPLES,FL           PIPER PA-31           CR-  0  0  1  MISCELLANEOUS                CERTIFICATE UNKNOWN, AGE
        TIME - UNK/NR                    N101MC                PX-  0  0  0  UNKNOWN/NOT REPORTED         UNK/NR, UNK/NR TOTAL
                                         DAMAGE-DESTROYED                                                 HOURS, UNK/NR IN TYPE,
                                                                                                          UNK/NR INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
         UNKNOWN/NOT REPORTED           UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GEAR COLLAPSED                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
        REMARKS- STOLEN ACFT FOUND 7/20/79.DESTROYED BY DELIBERATE FIRE.INJURY INDEX PRESUMED.


3-2094  7/22/79    MIDDLEBURG,FL        CESSNA 170B           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 42, 325
        TIME - 1145                      N2342D                PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 170 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               UNK/NR INSTRUMENT RATED.
        NAME OF AIRPORT - SPENCER
        DEPARTURE POINT                INTENDED DESTINATION
          MIDDLEBURG,FL                  LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                      TAKEOFF  RUN
          COLLIDED WITH  TREES                                          TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          AIRFRAME - FUSELAGE  SEATS
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
        REMARKS- PLT SEAT MOVED AFT.SEAT TRACK SAFETY STOP PIN NOT INSTALLED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1962	7/24/79 TIME - 1130	WINDEMERE,FL	CESSNA 172 N734YH DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 864 TOTAL HOURS, 105 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MAGUIRE
DEPARTURE POINT — FT PIERCE,FL
INTENDED DESTINATION — WINDEMERE,FL
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  TERRAIN - WET,SOFT GROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2079	7/30/79 TIME - 2000	MIAMI,FL	CESSNA 150H N714KY DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 108 TOTAL HOURS, 94 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — MIAMI,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
  MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
  MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- PLT PRACTICING EMERGENCY LDG ON A PAVED ROAD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1963	8/19/79 TIME - 1313	NR.LAKELAND,FL	NAVION A N4319K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 52, 106 TOTAL HOURS, 71 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAKELAND MUNI
DEPARTURE POINT — TAMPA,FL
INTENDED DESTINATION — LAKELAND,FL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING TRAFFIC PATTERN-CIRCLING
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FUEL SEL FOUND ON R TIP TANK WHICH WAS DRY.PLACARD STATES AUX TANK USED ONLY IN LEVEL FLT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2096	8/20/79 TIME - 1600	WINTER PARK,FL	HUGHES 269B N9393F DAMAGE-NONE	CR- 0 0 1 PX- 0 0 0 OT- 0 1 0	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 54, 5894 TOTAL HOURS, 28 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GILBERT FIELD
DEPARTURE POINT: WINTER PARK,FL
INTENDED DESTINATION: WINTER PARK,FL
TYPE OF ACCIDENT: PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION: STATIC IDLING ROTORS

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER
REMARKS- BLDG CONTRACTOR WALKED INTO T/R BLADE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1891	3/5/79 TIME - 1230	PINE MOUNTAIN,GA	MOONEY M20F N6808V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 38, 443 TOTAL HOURS, 291 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GARDENS-HARRIS CO
DEPARTURE POINT: MOULTRIE,GA
INTENDED DESTINATION: PINE MOUNTAIN,GA
LAST ENROUTE STOP: PERRY,GA
TYPE OF ACCIDENT: GEAR RETRACTED
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- LANDING GEAR ACTUATOR,P/N 4196-00-1C,FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2071	3/6/79 TIME - 1830	NR.BLAKELY,GA	AERONCA 7AC N83796 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 22, 337 TOTAL HOURS, 280 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: BLAKELY,GA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; NOSE OVER/DOWN
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- #3 CYL EXH VALVE.

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FILE   DATE        LOCATION          AIRCRAFT DATA         INJURIES       FLIGHT                           PILOT DATA
                                                            F  S M/N      PURPOSE

3-1983 3/7/79      JESUP,GA          PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL            COMMERCIAL, AGE 31, 3789
       TIME - 1730                   N4825T               PX-  0  0  2  BUSINESS                 TOTAL HOURS, 65 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         JACKSON,TN                  HINESVILLE,GA
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

3-1887 4/5/79   NR.CORRTOWN,GA       CESSNA 152           CR-  0  0  1  COMMERCIAL               COMMERCIAL, AGE 30, 488
       TIME - 1230                   N49155               PX-  0  0  1  MAPPING/PHOTO            TOTAL HOURS, 131 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       NAME OF AIRPORT - PRIVATE
       DEPARTURE POINT             INTENDED DESTINATION
        CORRTOWN,GA                  SAVANNAH,GA
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLIDED WITH  FENCE,FENCEPOSTS                        TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       REMARKS- ACFT FAILED TO FLY OUT OF GROUND EFFECT.

3-1860 4/12/79     LINCOLTON,GA      LOCKHEED L-18        CR-  0  1  1  MISCELLANEOUS            CERTIFICATE UNKNOWN, AGE
       TIME - 0645                   N250W                PX-  0  0  0  OTHER                    UNK/NR, UNK/NR TOTAL
                                     DAMAGE-DESTROYED                                            HOURS, UNK/NR IN TYPE,
                                                                                                 UNK/NR INSTRUMENT RATED.
       NAME OF AIRPORT - PRATER RANCH
       DEPARTURE POINT             INTENDED DESTINATION
         LINCOLTON,GA                UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLIDED WITH  TREES                                   TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       FIRE AFTER IMPACT
       REMARKS- APPROX 2000LBS MARIJUANA FOUND ON BOARD ACFT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2072	4/16/79 TIME - 1730	HAWKINSVILLE,GA	BEECH 35-33 N995T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 48, 11354 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - J.C.HADDEN
DEPARTURE POINT: PANAMA CITY,FL
INTENDED DESTINATION: HAWKINSVILLE,GA
TYPE OF ACCIDENT / PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
COLLIDED WITH DITCHES — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
REMARKS- PLTS FOOT CAUGHT BETWEEN PEDAL & SIDE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2076	5/9/79 TIME - 1600	BUTLER,GA	BEECH V35B N2022Y DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 8510 TOTAL HOURS, 128 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BUTLER MUNICIPAL
DEPARTURE POINT: BUTLER,GA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT / PHASE OF OPERATION
STALL MUSH — LANDING GO-AROUND

PROBABLE CAUSE(S)
COPILOT - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
PILOT IN COMMAND - MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS
REMARKS-THROW-OVER YOKE.COPILOT TOLD PIC TO ADD PWR FOR GO-AROUND,FULL PWR NOT APPLIED.

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FILE   DATE        LOCATION             AIRCRAFT DATA           INJURIES      FLIGHT                          PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1892 5/13/79   BLUE RIDGE,GA        GRUM AMER AA1C         CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 33, 118
       TIME - 1130                    N9564U                 PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 100 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         LAWRENCEVILLE,GA             DAYTON,TN
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL                                                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - RAIN
       EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                 ADVERSE/UNFAVORABLE WEATHER

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         OVERCAST                                                  1500
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         4 MILES OR LESS                                           RAIN
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
         UNKNOWN/NOT REPORTED                                      60
       WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
         320                                                       10
       TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
         IFR                                                       NONE
       REMARKS- PLT STALLED ACFT WHILE ATTEMPTING TO LAND ON ROAD DUE TO ADVERSE WX.TOPS OF RIDGES OBSCURED.


3-1888 5/22/79    AMERICUS,GA          AIR TRACTOR AT301      CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 25, 1040
       TIME - 1015                    N8698S                 PX-  0  0  0  AERIAL APPLICATION            TOTAL HOURS, 30 IN TYPE,
                                      DAMAGE-DESTROYED                                                   NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         AMERICUS,GA                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                IN FLIGHT  SURVEY FIELD/AREA

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -  613                      KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - BEANS                                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                GLOVES - NOT USED
         GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                 TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  460                SWATH RUN-HOW FLOWN - WIND CALM
       FIRE AFTER IMPACT
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FILE   DATE          LOCATION             AIRCRAFT DATA         INJURIES       FLIGHT                                       PILOT DATA
                                                                F  S M/N       PURPOSE

3-1889 5/28/79   TUNNEL HILL,GA          BELLANCA 7KCAB        CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 54, 163
       TIME - 1645                       N8728                 PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 41 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - DILLS FIELD
       DEPARTURE POINT                 INTENDED DESTINATION
         JACKSON COUNTY,GA               TUNNEL HILL,GA
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                      LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS


3-2070 6/8/79   NR.LAGRANGE,GA           CESSNA 120            CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 56, 608
       TIME - 1745                       N1845N                PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 375 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
       DEPARTURE POINT
        LAGRANGE,GA
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                                   IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  FENCE,FENCEPOSTS                               LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         AIRFRAME - FUSELAGE  DOORS,DOOR FRAMES
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                 DOOR/PANEL OPEN
       REMARKS- NOSE COWLING HOOD LATCHES EXCESSIVELY WORN,HOOD OPENED.


3-2074 7/2/79     PELHAM,GA              CESSNA A188           CR-  0  0  1  COMMERCIAL                     COMMERCIAL, AGE 33, 2725
       TIME - 2015                       N8179V                PX-  0  0  0  ASSOC CROP CTL ACTIVITY      TOTAL HOURS, 24 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - JONES STRIP
       DEPARTURE POINT                 INTENDED DESTINATION
         PELHAM,GA                       LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         UNDERSHOOT                                                    LANDING  FINAL APPROACH
         COLLIDED WITH  WIRES/POLES                                    LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 2015                            KIND OF OPERATION - CHECKING CROPS/TREES/OBSTRUCTIONS
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                      GLOVES - NOT USED
         GOGGLES - NOT USED                                            CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                                  CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                       TERRAIN-TYPE - LEVEL,FLAT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1890	7/9/79 TIME - 1500	SAPELO ISLAND,GA	PIPER PA-23 N4026P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 31, 1605 TOTAL HOURS, 71 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SAPELO ISLAND
DEPARTURE POINT — INTENDED DESTINATION
FORT LAUDERDALE,FL — READING,PA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
DITCHING

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1981	7/25/79 TIME - 1600	DENTON,GA	PIPER PA-36 N57880 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 27, 4032 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
DENTON,GA — LOCAL
TYPE OF ACCIDENT
STALL MUSH

PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
270
TYPE OF WEATHER CONDITIONS
VFR

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1400
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 50

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - DOWNWIND

REMARKS- PLT REPORTED DOWNDRAFT AFTER COMPLETING PROCEDURE TURN AT LOW AIRSPEED WI PARTIAL FLAPS.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1984	7/27/79 TIME - 1500	CAMILLA,GA	CESSNA 150 N50635 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 44, 21 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CAMILLA
DEPARTURE POINT: DONALSONVILLE,GA
INTENDED DESTINATION: BAINBRIDGE,GA
TYPE OF ACCIDENT: COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2069	8/1/79 TIME - 1700	CAMILLA,GA	SNOW S-2R N4887X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 2985 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CAMILLA
DEPARTURE POINT: PELHAN,GA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; GEAR COLLAPSED
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
WEATHER - RAIN
WEATHER - THUNDERSTORM ACTIVITY
TERRAIN - WET,SOFT GROUND
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION: UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE: UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE: ZERO
PRECIPITATION AT ACCIDENT SITE: RAIN, THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 94
WIND VELOCITY-KNOTS: 45
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1985	8/8/79 TIME - 0930	ALBANY,GA	CESSNA 188T N9822G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	COMMERCIAL, AGE 45, 432 TOTAL HOURS, 7 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ALBANY MUNICIPAL
DEPARTURE POINT — ALBANY,GA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2075	8/10/79 TIME - 1900	SOCIAL CIRCLE,GA	CHAMPION 7ECA N2550E DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 191 TOTAL HOURS, 33 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - B.R.ANDERSON
DEPARTURE POINT — SOCIAL CIRCLE,GA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
WEATHER - LOCAL WHIRLWIND

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION              AIRCRAFT DATA         INJURIES      FLIGHT                             PILOT DATA
                                                                   F  S M/N     PURPOSE

3-1982  8/21/79    KENNESAW,GA             CESSNA 150L          CR-  0  1  0  NONCOMMERCIAL              STUDENT, AGE 35, 80 TOTAL
        TIME - 1910                        N18036               PX-  0  0  0  PRACTICE                   HOURS, 70 IN TYPE, NOT
                                           DAMAGE-DESTROYED                                              INSTRUMENT RATED.
        NAME OF AIRPORT - MCCOLLUM
        DEPARTURE POINT                 INTENDED DESTINATION
          KENNESAW,GA                     LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              LANDING  FINAL APPROACH
          COLLIDED WITH  TREES                                       LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
          MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
        FACTOR(S)
          WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          SCATTERED                                                  25000
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
          HAZE                                                       83
        WIND VELOCITY-KNOTS                                        TYPE OF WEATHER CONDITIONS
          CALM                                                       VFR
        TYPE OF FLIGHT PLAN
          NONE

3-2073  8/25/79  NR.WILLACOOCHEE,GA        CESSNA 170B          CR-  0  0  1  MISCELLANEOUS              PRIVATE, AGE 28, 59 TOTAL
        TIME - 1020                        N3115B               PX-  0  0  1  SEARCH AND RESCUE          HOURS, 36 IN TYPE, NOT
                                           DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         WILLACOOCHEE,GA                  LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        REMARKS- LNDD ON ROAD,HIT SIGN POST.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2067	8/29/79 TIME - 1030	NARABI,GA	AERO CMNDR S2R600 N8816Q DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 23, 1948 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT CORDELE,GA — INTENDED DESTINATION NARABI,GA

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1400
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED
ELEVATION-AREA BEING TREATED-FEET - 300
PROCEDURE TURNAROUND - FIRST 1/3 TURN

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2068	9/7/79 TIME - 1525	BRUNSWICK,GA	CESSNA 150 N5603G DAMAGE-NONE	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 36, 3000 TOTAL HOURS, 1600 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GLENCO JETPORT
DEPARTURE POINT BRUNSWICK,GA — INTENDED DESTINATION UNKNOWN/NOT REPORTED

TYPE OF ACCIDENT
PROPELLER/ROTOR ACCIDENT TO PERSON

PHASE OF OPERATION
STATIC STARTING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER STARTING PROCEDURES
REMARKS- POSITIONING PROP FOR HAND-PROPPING,PROP SNAPPED ONE TURN.STDNT AT CTLS.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2044	9/20/79 TIME - 1222	NR.KAILUA-KONA,HI	BEECH C-45H N8057H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 9	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 46, 3494 TOTAL HOURS, 69 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KE-AHOLE
DEPARTURE POINT — INTENDED DESTINATION
HONOLULU,HI — KAILUA-KONA,HI
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
GEAR COLLAPSED — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1987	9/1/79 TIME - 1330	NR.BURLEY,ID	CESSNA 152 N757EG DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 32, 117 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION — LAST ENROUTE STOP
OGDEN,UT — BURLEY,ID — MACKEY,ID
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT NORMAL CRUISE
GEAR COLLAPSED — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

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FILE   DATE       LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                          F  S M/N    PURPOSE
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3-1989  9/2/79   NR.GRANDVIEW,ID     CALLAIR A-9          CR-  0  1  0  COMMERCIAL                COMMERCIAL, AGE 23, 902
        TIME - 1100                  N7223V               PX-  0  0  0  ASSOC CROP CTL ACTIVITY   TOTAL HOURS, 405 IN TYPE,
                                     DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT            INTENDED DESTINATION
         GRANDVIEW,ID                LOCAL
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                         IN FLIGHT  NORMAL CRUISE
          STALL                                                 LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - IGNITION SYSTEM  MAGNETOS
          MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  300                    KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - GRAIN FIELDS                           TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED              GLOVES - NOT USED
          GOGGLES - USED                                        CRASH HELMET - AVAILABLE USED
          CRASH BAR - INSTALLED                                 TERRAIN-TYPE - ROLLING
          ELEVATION-AREA BEING TREATED-FEET -  2750
        FIRE AFTER IMPACT
        REMARKS- L MAG DRIVE GR SUPPORT BEARING WORKED LOOSE RESULTING IN MAG DRIVE GR TO SKIP TIMING.


3-1986  9/3/79     PRAIRIE,ID        CESSNA 150           CR-  0  0  1  NONCOMMERCIAL             PRIVATE, AGE 44, 400
        TIME - 0930                  N7048L               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 114 IN TYPE
                                     DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SMITH'S PRIARIE
        DEPARTURE POINT            INTENDED DESTINATION
         BOISE,ID                    PRAIRIE,ID
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                 TAKEOFF  RUN
          GEAR COLLAPSED                                        TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- AFTER A PRECAUTIONARY LNDG IN VACANT FLD.PLT CHECKED ACFT & TOOK OFF.HIT ROCK.
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FILE    DATE         LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                           PILOT DATA
                                                             F  S M/N       PURPOSE
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3-1988  9/23/79    MOUNTAIN HOME,ID     CESSNA 180K       CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 39, 354
        TIME - 1755                     N63595            PX-  0  0  2  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 24 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MT.HOME MUNI
        DEPARTURE POINT             INTENDED DESTINATION
          HAILEY,ID                   MOUNTAIN HOME,ID
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                               LANDING  ROLL
          GEAR COLLAPSED                                         LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-1815  4/17/79    DEER GROVE,IL        BEECH F-35        CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 54, 3832
        TIME - 1745                     N3293C            PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 350 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - DEER GROVE RLA
        DEPARTURE POINT             INTENDED DESTINATION
          DEER GROVE,IL               DIXON,IL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                          TAKEOFF  INITIAL CLIMB
          GEAR COLLAPSED                                         LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  PUMPS
          MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          TERRAIN - ROUGH/UNEVEN
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- ENG DRIVEN FUEL PUMP,THOMPSON MODEL TF1900-2 S/N TF471267W,PRODUCED 8.5PSI,REC PRESSURE 13.5PSI.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1814	6/17/79 TIME - 1413	CHICAGO,IL	PIPER PA-28 N55486 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 250 TOTAL HOURS, 4 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MIDWAY
DEPARTURE POINT — CHICAGO,IL
INTENDED DESTINATION — CHICAGO,IL
LAST ENROUTE STOP — LAKE LAWN,WI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- TWO AUTOS DAMAGED. 7GAL OF FUEL IN LEFT MAIN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1813	7/14/79 TIME - 1045	TREMONT,IL	PIPER PA-32 N3849W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 35, 263 TOTAL HOURS, 21 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAYNE AUTO RLA
DEPARTURE POINT — TREMONT,IL
INTENDED DESTINATION — WADSWORTH,OH
TYPE OF ACCIDENT
COLLIDED WITH CROP
PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1816	7/23/79 TIME - 1120	FLANAGAN,IL	BRANTLEY B-2B N2283U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 374 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — UNKNOWN/NOT REPORTED
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT CLEANUP SWATH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 680
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

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FILE   DATE        LOCATION          AIRCRAFT DATA          INJURIES      FLIGHT                  PILOT DATA
                                                            F  S M/N      PURPOSE
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3-1841 2/22/79     SOMERSET,KY       N.AMERICAN NAVION      CR-  1  0  0  MISCELLANEOUS           COMMERCIAL, AGE 59, 3894
       TIME - 140P                   N8921H                 PX-  0  0  0  TEST                    TOTAL HOURS, 0 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - SOMERSET-PULASKI
       DEPARTURE POINT              INTENDED DESTINATION
         SOMERSET,KY                  LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                              TAKEOFF  RUN
         STALL  MUSH                                                TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
         PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
       FACTOR(S)
         PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
         POWERPLANT - FUEL SYSTEM  PUMPS
         MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
         POWERPLANT - IGNITION SYSTEM  MAGNETOS
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
         TERRAIN - HIGH OBSTRUCTIONS
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       REMARKS- LKG BY ENG DRIVEN PUMP O RING,VAPOR IN LINE-MAG TIMING WRONG.PWR LOSS ALSO ON PREVIOUS ABORT.


3-1956 3/15/79     LOUISVILLE,KY     BEECH D-18S            CR-  0  0  1  COMMERCIAL              COMMERCIAL, AGE 49, 16000
       TIME - 1215                   N80204                 PX-  0  0  0  AIR TAXI-CARGO          TOTAL HOURS, 200 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - STANDIFORD
       DEPARTURE POINT              INTENDED DESTINATION
         LOUISVILLE,KY                EVANSVILLE,IN
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         GEAR RETRACTED                                             TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - RETRACTED GEAR PREMATURELY
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1842	7/26/79 TIME - 1335	NR.JENKINS.KY	CESSNA 172 N9138H DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 60 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WINSTON SALEM,NC
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
OBSCURATION
CEILING AT ACCIDENT SITE
0
VISIBILITY AT ACCIDENT SITE
ZERO
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- PLT ONLY REQUESTED THE LOCAL AREA WX OUTLOOK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1807	4/28/79 TIME - 0928	NR.CAMERON.LA	BELL 206L N16779 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 3332 TOTAL HOURS, 1366 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
INTERCOASTAL CITY,LA
INTENDED DESTINATION
HIGH ISLAND 309
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
POWERPLANT - COMPRESSOR ASSEMBLY BLADE,COMPRESSOR ROTOR
POWERPLANT - MISCELLANEOUS FOREIGN OBJECT DAMAGE
MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- FOREIGN OBJECT UNDETERMINED.PLT UNABLE TO USE FULL COLLECTIVE DUE TO INTERFERENCE BY SURVIVE POUCH

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2100	6/3/79 TIME - 0635	NR.MORGAN CITY,LA	BELL 206B N14952 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 39, 3050 TOTAL HOURS, 970 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — MORGAN CITY,LA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING POWER-ON LANDING
LANDING POWER-ON LANDING

PROBABLE CAUSE(S)
POWERPLANT - TURBINE ASSEMBLY BLADE,TURBINE WHEEL
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- COLLIDED WITH OFFSHORE LANDING PLATFORM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1809	6/12/79 TIME - 0615	NR.VENICE,LA	BELL 206B N16710 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 48, 3725 TOTAL HOURS, 925 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PHI HELIPORT
DEPARTURE POINT — VENICE,LA
INTENDED DESTINATION — SP 62 OFFSHORE PLATF
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- SKIDS POPOUT FLOATS AND ENGINE OPERATED SATISFACTORILY AFTER ACCIDENT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1806	6/29/79 TIME - 1045	WINNSBORO,LA	LUSCOMBE 8A N45952 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 33, 340 TOTAL HOURS, 110 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RY-MACON AERO
DEPARTURE POINT — WINNSBORO,LA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
FIRE AFTER IMPACT
REMARKS- PRACTICING AG OPERATIONS,STALLED DRG PROCEDURE TURNAROUND.PAX WAS EXPERIENCED AG PILOT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1808	7/20/79 TIME - 0203	LAFAYETTE,LA	CESSNA A185F N4616F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 36, 2672 TOTAL HOURS, 240 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAFAYETTE RGNL
DEPARTURE POINT — INTENDED DESTINATION
ST LOUIS,MO — LAFAYETTE,LA
TYPE OF ACCIDENT — PHASE OF OPERATION
UNDERSHOOT — LANDING FINAL APPROACH
COLLIDED WITH TREES — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IFR OPERATION
MISCELLANEOUS ACTS,CONDITIONS - ALTIMETER SETTING-INCORRECT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
WEATHER - LOW CEILING
WEATHER - FOG
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — CEILING AT ACCIDENT SITE
OBSCURATION — 0
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
1/2 MILE OR LESS — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — TEMPERATURE-F
GROUND FOG — 75
WIND DIRECTION-DEGREES — WIND VELOCITY-KNOTS
30 — 5
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
BELOW MINIMUMS — NONE
REMARKS- PLT FLEW 10HRS IN LAST 24.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1811	8/11/79 TIME - 1320	NR.MORGAN CITY,LA	BELL 206B N5018F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 40, 3139 TOTAL HOURS, 802 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  SO MARSH IS BLOCK 23
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED

INTENDED DESTINATION
  MORGAN CITY,LA

PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
  NONE

CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1810	8/16/79 TIME - 0914	WESTWEGO,LA	CESSNA A185F N82450 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 29, 5100 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WESTWEGO
DEPARTURE POINT
  WESTWEGO,LA
TYPE OF ACCIDENT
  STALL

INTENDED DESTINATION
  LOCAL

PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FIRE AFTER IMPACT
REMARKS- ACFT LEVELED OFF AT 40FT ABOVE RWY UNTIL PAST OVERRUN,THEN NOSED STRAIGHT UP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1812	8/22/79 TIME - 1500	MANDEVILLE.LA	CESSNA 180 N3494V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 23, 1560 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SEA PLANE BASE
DEPARTURE POINT — INDUSTRIAL CANAL.LA
INTENDED DESTINATION — MANDEVILLE.LA
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH ELECTRONIC TOWERS
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2099	9/25/79 TIME - 0930	NR.MORGAN CITY.LA	BELL 212 N49673 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 31, 3838 TOTAL HOURS, 186 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PMI 6 SHIP SOAL
DEPARTURE POINT — MORGAN CITY.LA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  TAXI AERIAL TAXI TO/FROM LANDING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
  WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  HAZE
WIND VELOCITY-KNOTS
  20
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  360
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- COLLIDED WITH LANDING PLATFORM DURING REVERSE HOVER. WIND GUSTING TO 25KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2055	10/1/79 TIME - 1715	KENTWOOD,LA	CESSNA 152 N49991 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 31, 527 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
SLIDELL,LA

INTENDED DESTINATION
MCCOMB,MS

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED W FENCE POST DRG FORCED LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1944	5/6/79 TIME - 1300	NR.PATTEN,ME	AERONCA 7CCM N1559E DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 800 TOTAL HOURS, 350 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHIN POND
DEPARTURE POINT
PATTEN,ME

INTENDED DESTINATION
LOCAL

TYPE OF ACCIDENT
COLLIDED WITH TREES

PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER - DOWNDRAFT,UPDRAFTS
TERRAIN - HIGH OBSTRUCTIONS
TERRAIN - ROUGH WATER

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
50
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
270
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- WIND GUSTING 60K,FLOAT EQPD.

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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                             PILOT DATA
                                                                 F  S  M/N     PURPOSE

3-1945  6/16/79    FAYETTE,MA            PIPER PA-16            CR-  0  0  1  NONCOMMERCIAL                      PRIVATE, AGE 42, 156
        TIME - 1800                      N8831K                 PX-  0  0  1  PLEASURE/PERSONAL TRANSP           TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                      NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          FAYETTE,MA                     LOCAL
        TYPE OF ACCIDENT                                                PHASE OF OPERATION
          STALL                                                           TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          WEATHER - HIGH DENSITY ALTITUDE
          TERRAIN - HIGH OBSTRUCTIONS

        SKY CONDITION                                                   CEILING AT ACCIDENT SITE
          CLEAR                                                           UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                     PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                            NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                         TEMPERATURE-F
          NONE                                                            95
        TYPE OF WEATHER CONDITIONS                                      TYPE OF FLIGHT PLAN
          VFR                                                             NONE
        REMARKS- D/A APPROX 2800FT.FLOAT EQUIPPED


3-1879  6/29/79    FARMINGTON,ME         GREAT LAKES BABY       CR-  0  0  1  NONCOMMERCIAL                      PRIVATE, AGE 39, 390
        TIME - 2020                      N34HP                  PX-  0  0  0  PLEASURE/PERSONAL TRANSP           TOTAL HOURS, 1 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                      NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WEBB FIELD
        DEPARTURE POINT                INTENDED DESTINATION
          FARMINGTON,ME                  LOCAL
        TYPE OF ACCIDENT                                                PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                   LANDING  FINAL APPROACH
          COLLIDED WITH  TREES                                            LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          POWERPLANT - FUEL SYSTEM  VENTS,DRAINS,TANK CAPS
          MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- FUEL VENT ON CAP PARTIALLY CLOGGED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S N/O	FLIGHT PURPOSE	PILOT DATA
3-1870	7/10/79 TIME - 1145	JACKSON,MF	PIPER PA-18S N62760 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL AERIAL SURVEY	AIRLINE TRANSPORT, AGE 55, 25795 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  JACKSON,MF
TYPE OF ACCIDENT
  STALL

INTENDED DESTINATION
  LOCAL

PHASE OF OPERATION
  TAKEOFF - INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  335
TYPE OF WEATHER CONDITIONS
  VFR

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  85
WIND VELOCITY-KNOTS
  10
TYPE OF FLIGHT PLAN
  NONE

REMARKS- D/A APPRX 3400 FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S N/O	FLIGHT PURPOSE	PILOT DATA
3-1965	6/27/79 TIME - 1645	BOSTON,MA	PIPER PA-22 N733AP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, AGE 51, 8500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LOGAN INTL
DEPARTURE POINT
  BOSTON,MA
TYPE OF ACCIDENT
  PROPELLER/JET/ROTOR BLAST

INTENDED DESTINATION
  LOCAL

PHASE OF OPERATION
  TAXI - TO TAKEOFF

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
  MISCELLANEOUS - PROP/JET/ROTOR BLAST
REMARKS- WITNESS STATED ACFT BEGAN TO TAXI INTO POSITION SECONDS AFT CLEARANCE RCVD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1958	7/4/79 TIME - 0922	NR.WEST TISBURY,MA	CICIORA T-18 N6462P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 349 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MARTHAS VINEYARD
DEPARTURE POINT — INTENDED DESTINATION
WEST TISBURY,MA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT NORMAL CRUISE
NOSE OVER/DOWN — LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
POWERPLANT - LUBRICATING SYSTEM FILTERS,SCREEN
MISCELLANEOUS ACTS,CONDITIONS - OVER TORQUED
MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT STATED OVER TORQUED LOWER L BOLT DURING REPLACEMENT OF OIL TEMP BULB.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1964	7/8/79 TIME - 2035	MARSHFIELD,MA	PIPER PA-24 N9041P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 267 TOTAL HOURS, 21 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MARSHFIELD
DEPARTURE POINT — INTENDED DESTINATION
MONTGOMERY,NY — MARSHFIELD,MA
TYPE OF ACCIDENT — PHASE OF OPERATION
UNDERSHOOT — LANDING FINAL APPROACH
COLLIDED WITH TREES — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1880	7/21/79 TIME - 1220	QUINCY,MA	CESSNA 305A N5284G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL ADVERTISING	COMMERCIAL, AGE 49, 1682 TOTAL HOURS, 320 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
PLYMOUTH,MA — LAWRENCE,MA
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT OTHER
GEAR COLLAPSED — LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CRANKSHAFT
MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
TERRAIN - ROUGH/UNEVEN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- AERIAL BANNER TOW,ENG CRANKSHAFT BROKEN IN NR ONE MAIN JOURNAL,SIGNS OF TURNING,LNDD IN QUARRY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1995	7/8/79 TIME - 1755	SPRING LAKE,MI	AERONCA 7AC N85092 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 160 TOTAL HOURS, 95 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GRAND HAVEN,IN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - INCAPACITATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- WHILE CRCLNG NR HIS HM,PLT BCM UNCONSCIOUS AFTR SHOUTING TO SOMEONE ON GND. FLEW 5 FLTSW/O EATING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1845	6/17/79 TIME - 1025	CLEARWATER,MN	GRUMMAN AA-1B N1459R DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 38, 120 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MINNEAPOLIS,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
REMARKS- COLLIDED WITH WIRES,BLOOD ALCOHOL LEVEL .06%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1953	8/14/79 TIME - 0915	NR.FLY,MN	CESSNA 195 N9320A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 1 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 8317 TOTAL HOURS, 613 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
FLY,MN
INTENDED DESTINATION
ST PAUL,MN
TYPE OF ACCIDENT
DRAGGED WINGTIP,POD,OR FLOAT
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
320
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- FLOAT EQUIPPED. PILOT RPTS WIND GUSTS TO 35 KTS.PLT STATED ATTEMPTED TKOF W UNBALANCED FUEL LOAD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1957	6/8/79 TIME - 2000	PARCHMAN,MS	BELL 47D N4227A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 3305 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PARCHMAN,MS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE TAIL ROTOR
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT EN ROUTE TO TREAT CROP
IN FLIGHT EN ROUTE TO TREAT CROP

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 700
KIND OF CROP - RICE
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2081	7/26/79 TIME - 0930	NR.MINTER CITY,MS	GRUMMAN G-164A N5258 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 7170 TOTAL HOURS, 4110 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MINTER CITY,MS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - PHYSICAL IMPAIRMENT

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - COTTON
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - NOT INSTALLED
REMARKS- PLT STATED SMALL PARTICLE GOT INTO HIS EYE CAUSING IT TO WATER & BLUR VISION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2082	7/29/79 TIME - 1725	NR.PETAL,MS	NAVAL FCTY N3N-3 N45021 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 792 TOTAL HOURS, 67 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HATTIESBURG,MS
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2083	8/12/79 TIME - 0600	NR.TUTWILER,MS	PIPER PA-36 N56664 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 3305 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
TUTWILER,MS
INTENDED DESTINATION
LOCAL

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH CROP

PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - RICE
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 150

KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT

REMARKS- NUMBER 4 CYL EXHAUST VALVE FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2084	8/13/79 TIME - 1145	NR.MADISON,MS	GRUMMAN G-164A N8673H DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 57, 22000 TOTAL HOURS, 7000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MADISON,MS
INTENDED DESTINATION
LOCAL

TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE PROPELLER
GEAR COLLAPSED

PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - PROPELLER AND ACCESSORIES GOVERNORS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS - SMOKE IN COCKPIT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETC.-RESTRICTED VISION
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
SUSPECTED MECHANICAL DISCREPANCY
SMOKE IN COCKPIT

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 350

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

REMARKS- PROP GOVERNOR GASKET SEPARATED.

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FILE    DATE         LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                            F  S M/N      PURPOSE

3-2085  8/24/79    NSHELBY,MS          CESSNA A188B         CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 28, 3170
        TIME - 0700                    N84284               PX-  0  0  0  ASSOC CROP CTL ACTIVITY       TOTAL HOURS, 2000 IN
                                       DAMAGE-SUBSTANTIAL                                               TYPE, NOT INSTRUMENT
                                                                                                        RATED.

        NAME OF AIRPORT - HARDIN AG STRIP
        DEPARTURE POINT              INTENDED DESTINATION
          NSHELBY,MS                   LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          GEAR COLLAPSED                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          AIRFRAME - LANDING GEAR  WHEELS,TIRES,AXLES
          MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- RIGHT MAIN TIRE FOUND DEFLATED W NO EVIDENCE OF PUNCTURE OR FAILURE.


3-1970  8/27/79  NR.SUNFLOWER,MS       GRUMMAN G-164A       CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 26, 5275
        TIME - 0830                    N48437               PX-  0  0  C  AERIAL APPLICATION            TOTAL HOURS, 2575 IN
                                       DAMAGE-SUBSTANTIAL                                               TYPE, NOT INSTRUMENT
                                                                                                        RATED.

        DEPARTURE POINT              INTENDED DESTINATION
          SUNFLOWER,MS                 LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  STARTING SWATH RUN
          NOSE OVER/DOWN                                             LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
          MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 1600                       KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - COTTON                                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                  TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET - 126                  SWATH RUN-HOW FLOWN - CROSSWIND
        REMARKS- VALVES TO ROCKER ARM CLEARANCES ALL EXCEEDED 1/16IN,MANUAL STATES .010.CYLS COATED W BLACK SUBST.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1968	8/29/79 TIME - 1000	NR.SLEDGE,MS	CESSNA A188B N53196 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 45, 3300 TOTAL HOURS, 1800 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — SLEDGE,MS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
COLLIDED WITH CROP
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - EXHAUST SYSTEM MUFFLERS
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
SMOKE IN COCKPIT
REMARKS- TAILPIPE LOOSE FROM MUFFLER,BURNED PAINT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1969	9/4/79 TIME - 0715	GLEN ALLAN,MS	CESSNA A188B N731FK DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 4885 TOTAL HOURS, 2285 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GLEN ALLAN
DEPARTURE POINT — GLEN ALLAN,MS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 3385
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE-NOT USED
CRASH BAR - INSTALLED
KIND OF OPERATION - FERRY
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2086	9/4/79 TIME - 1130	NR.GRENADA,MS	AIR TRACTOR AT-301 N8595S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 47, 12130 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WARREN JOHNSON
DEPARTURE POINT — BRUCE,MS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2088	9/6/79 TIME - 1515	NR.CRAWFORD,MS	CESSA A188B N731BO DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 25, 1258 TOTAL HOURS, 417 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SANDER CARSON PVT
DEPARTURE POINT
CRAWFORD,MS
INTENDED DESTINATION
SANDER CARSON PVT
TYPE OF ACCIDENT
STALL MUSH

PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 385
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 200
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - CROSSWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2087	9/8/79 TIME - 0845	NR.BELZONI,MS	ROCKWELL S2R N5044X DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 6660 TOTAL HOURS, 4500 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BELZONI,MS
INTENDED DESTINATION
BELZONI,MS
TYPE OF ACCIDENT
STALL

PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 845
KIND OF CROP - RICE
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 110

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

REMARKS- PLT USED HAMMERHEAD STALL W FULL FLAPS DURING PROC TURNAROUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1952	8/9/79 TIME - 1620	NR.ALTON,MO	PIPER PA-28 N59314 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 68 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PIGMAN RANCH
DEPARTURE POINT — INTENDED DESTINATION
ALTON,MO — LOCAL
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH FENCE,FENCEPOSTS

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1839	7/24/79 TIME - 1430	NR.AUGUSTA,MT	GRUM AMER AA-5A N9966U DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 207 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BENCHMARK (USFS)
DEPARTURE POINT — INTENDED DESTINATION
AUGUSTA,MT — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLIDED WITH TREES

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
BROKEN
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
140
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
65
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

FIRE AFTER IMPACT
REMARKS- ACFT USED ENTIRE RUNWAY.LIFTED OFF NOSE HIGH.FAILED TO CLEAR TREES AT END.D/A APPROX 7000FT.

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1994  9/13/79    CONRAD,MT              CESSNA 172           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 38, 257
        TIME - 1330                       N20155               PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 223 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CONRAD
        DEPARTURE POINT                 INTENDED DESTINATION
          HIGHWOOD,MT                     CONRAD,MT
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          EVASIVE MANEUVER                                          LANDING  ROLL
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL  DEFICIENCY,COMPANY MAINTAINED EQPMT,SERVICES,REGULATION
          PERSONNEL - MISCELLANEOUS-PERSONNEL  DRIVER OF VEHICLE
          MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
        FACTOR(S)
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
          MISCELLANEOUS ACTS,CONDITIONS - RUNWAY CLOSED
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- ARPT CLOSED DUE CONSTRUCTION,NOTAMED. TRUCK BACKED IN PATH OF ACFT.PLT SWERVED & HIT CULVERTS.


3-1866  2/18/79  NR.FERNLEY,NV            PIPER PA-28R         CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 45, 218
        TIME - 1505                       N222WF               PX-  1  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, ALL IN TYPE,
                                          DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          RENO,NV                         EUGENE OR
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                               IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - SPATIAL DISORIENTATION
          PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
          AIRFRAME - WINGS  SPARS
          AIRFRAME - FLIGHT CONTROL SURFACES  HORIZONTAL STABILIZER, ATTACHMENTS
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
          WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
          WEATHER - LOW CEILING
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
        MISSING AIRCRAFT - LATER RECOVERED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          OVERCAST                                                  5000
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      SNOW SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          NONE                                                      48
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          190                                                       18
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          IFR                                                       NONE
        REMARKS- RECOVERY DATE  2/25/79.WND GUSTING 25 KTS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1867	6/5/79 TIME - 2139	RENO,NV	CESSNA 172K N79954 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 164 TOTAL HOURS, 143 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RENO INTL
DEPARTURE POINT
  RENO,NV
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  HARD LANDING
PHASE OF OPERATION
  LANDING GO-AROUND
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1868	6/10/79 TIME - 1300	RENO,NV	CESSNA 170B N2515D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 550 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RENO/STEAD
DEPARTURE POINT
  RENO,NV
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
  TERRAIN - HIGH VEGETATION

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  85
WIND VELOCITY-KNOTS
  15
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  RIGHT QUARTERING TAIL WIND 203-247 DEGREES
WIND DIRECTION-DEGREES
  140
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- HIT SAGEBRUSH NEAR RUNWAY,DENSITY ALT APPROX 7200 FT.WND GUSTING 20 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1966	6/27/79 TIME - 0800	NR.YERINGTON,NV	PIPER PA-36 N57727 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 48, 6280 TOTAL HOURS, 569 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — YERINGTON
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 4500
KIND OF CROP - OTHER
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 4400
PROCEDURE TURNAROUND - FIRST 1/3 TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
FIRE AFTER IMPACT
REMARKS- SPRAYING ALFALFA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1870	7/7/79 TIME - 0645	LAS VEGAS,NV	CESSNA 182A N6319B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 130 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MCCARRAN INTL
DEPARTURE POINT — LAS VEGAS,NV
INTENDED DESTINATION — STRAWBERRY VALLEY,VT
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
REMARKS- TAXIING ON AIRPORT ROAD-HIT SIGN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1871	7/17/79 TIME - 1830	NR.BOULDER CITY,NV	LAKE LA-4 N5019L DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 39, 1510 TOTAL HOURS, 950 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAKE MEADE
DEPARTURE POINT — N.LAS VEGAS,NV
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1855	8/5/79 TIME - 1500	NR.FALLON,NV	CESSNA 206 N4736F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 33, 1066 TOTAL HOURS, 241 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
FALLON,NV
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
270
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- TRANS PARACHUTISTS.PLT STATED-ENCOUNTERED DWN DRAFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2047	8/6/79 TIME - 1020	RENO,NV	BEECH N35 N12017 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 663 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CANNON INTL
DEPARTURE POINT
RENO,NV
INTENDED DESTINATION
MCCALL,ID
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
130
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
82
WIND VELOCITY-KNOTS
4
TYPE OF FLIGHT PLAN
VFR

REMARKS- ACFT APPROX 81 LBS OVER MAX GROSS WT.DENSITY ALT APRX 6350FT.

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                          PILOT DATA
                                                                F  S M/N        PURPOSE

3-1869 8/21/79    SUN VALLEY,NV        SCHWEIZER 1-35C      CR-  0  0  1  NONCOMMERCIAL                 ATP,FLIGHT INSTR., AGE
       TIME - 1812                      N2632H              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      31, 2265 TOTAL HOURS, 24
                                        DAMAGE-SUBSTANTIAL                                              IN TYPE, NOT INSTRUMENT
                                                                                                        RATED.

       DEPARTURE POINT               INTENDED DESTINATION            LAST ENROUTE STOP
         RENO,NV                       RETURN                          ROUND ROBIN
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                    LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
       FACTOR(S)
         WEATHER - OTHER
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SKY CONDITION                                                 CEILING AT ACCIDENT SITE
         CLEAR                                                         UNLIMITED
       VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                          NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TEMPERATURE-F
         NONE                                                          72
       WIND DIRECTION-DEGREES                                        WIND VELOCITY-KNOTS
         250                                                           5
       TYPE OF WEATHER CONDITIONS                                    TYPE OF FLIGHT PLAN
         VFR                                                           NONE
       REMARKS- DETERIORATION OF THERMALS LED TO PRE-MATURE LNDG DRG GLIDER X-COUNTRY.COLLIDE W ROAD SIGN POSTS.


3-1967 9/16/79  NR.NO.WINNEMUCCA,NV    CESSNA 180           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 47, 533
       TIME - 1450                      N2607K              PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 54 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         FOX MT.,NV.                   NO.WINNEMUCCA,NV
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                      TAKEOFF  RUN
         NOSE OVER/DOWN                                                TAKEOFF  RUN

       PROBABLE CAUSE(S)
         WEATHER - LOCAL WHIRLWIND
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                                 CEILING AT ACCIDENT SITE
         CLEAR                                                         UNLIMITED
       VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                          NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TEMPERATURE-F
         NONE                                                          80
       WIND DIRECTION-DEGREES                                        WIND VELOCITY-KNOTS
         30                                                            5
       TYPE OF WEATHER CONDITIONS                                    TYPE OF FLIGHT PLAN
         VFR                                                           NONE
       REMARKS- PLT STATED-ENCOUNTERED DUST DEVIL ON TKOF FROM DIRT ROAD AFTER PRECAUTIONARY LNDG.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2045	6/3/79 TIME - 1845	DALTON,NH	CESSNA 150H N7052S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 82 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DALTON MEADOWS
DEPARTURE POINT — DALTON,NH
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  UNDERSHOOT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1873	6/27/79 TIME - 1315	WOLFEBORO,NH	LAKE LA-4 N2832P DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 36, 262 TOTAL HOURS, 62 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAKES REGION
DEPARTURE POINT — FARMINGDALE,NY
INTENDED DESTINATION — WOLFEBORO,NH
LAST ENROUTE STOP — LACONIA,NH
TYPE OF ACCIDENT
  OVERSHOOT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  15
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  270
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- WING STRUCK RWY,ACFT CARTWHEELED,GUSTING 20K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1877	3/2/79 TIME - 1510	ROBBINSVILLE,NJ	CESSNA 152 N24843 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 20, 37 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TRENTON-ROBBINSVL
DEPARTURE POINT — INTENDED DESTINATION
ROBBINSVILLE,NJ — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN

PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1876	3/2/79 TIME - 1430	SEASIDE PARK,NJ	BELL 47G-4A N1385X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, FL.INSTR., AGE 52, 12759 TOTAL HOURS, 9001 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
BARNEGAT,NY — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
IN FLIGHT OTHER
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- NR 6 CYLINDER CONNECTING ROD BOLT FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1947	3/22/79 TIME - 2115	ROBBINSVILLE,NJ	BEECH 824R N9162S DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 19, 655 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TRENTON-ROBBINSVL
DEPARTURE POINT — INTENDED DESTINATION
TETERBORO,NJ — LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1948	5/8/79 TIME - 0945	BRIDGEPORT,NJ	PIPER PA-28 N56118 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 30, 20 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

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NAME OF AIRPORT - BRIDGEPORT
DEPARTURE POINT              INTENDED DESTINATION
  BRIDGEPORT,NJ                LOCAL
TYPE OF ACCIDENT                                          PHASE OF OPERATION
  GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
  COLLIDED WITH  TREES                                      LANDING  OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1875	6/15/79 TIME - 1815	MARLBORO,NJ	CESSNA 172M N20325 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 128 TOTAL HOURS, 88 IN TYPE, NOT INSTRUMENT RATED.

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NAME OF AIRPORT - MARLBORO
DEPARTURE POINT              INTENDED DESTINATION
  BURLINGTON,CT                BELMAR,NJ
TYPE OF ACCIDENT                                          PHASE OF OPERATION
  ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  OTHER
  STALL                                                     LANDING  GO-AROUND

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
REMARKS- PLT RCVD WIND INFO FM NYARTC PRIOR TO THE LNDG APCH.NO 3 INTAKE VALVE HEAD FAILED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1946	7/30/79 TIME - 1330	FRANKLIN,NJ	CESSNA 177 N2948X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 108 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

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DEPARTURE POINT              INTENDED DESTINATION
  KUPPER,NJ                    LOCAL
TYPE OF ACCIDENT                                          PHASE OF OPERATION
  ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
  NOSE OVER/DOWN                                            LANDING  LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- CORN FIELD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1864	8/14/79 TIME - 1200	ASBURY PARK,NJ	RICHARD KR-2 N2262N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 275 TOTAL HOURS, 97 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BROOKHAVEN,NY
INTENDED DESTINATION
LIBERTY COUNTY,GA
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE PROPELLER
DITCHING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - PROPELLER AND ACCESSORIES BLADES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
PROP/ENGINE VIBRATION
REMARKS- PROPELLER WAS MISSING 6IN ON ONE BLADE AND 9IN ON THE OTHER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1955	7/6/79 TIME - 1800	SOCORRO,NM	BELL 47G N73998 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 43, 4200 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SOCORRO,NM
INTENDED DESTINATION
LOS LUNAS,NM
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
WEATHER - HIGH DENSITY ALTITUDE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
180
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
WIND VELOCITY-KNOTS
22
TYPE OF FLIGHT PLAN
UNKNOWN/NOT REPORTED
REMARKS- LIMITED RECENT EXPERIENCE IN RECIP ENG ACFT.DA APPROX 7500FT.NO ENG DISCREPANCIES FOUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1934	4/8/79 TIME - 1400	SENECA FALLS,NY	CESSNA 180 N4774B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS PARAJUMP-SPORT	PRIVATE, AGE 28, 593 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SENECA FALLS
DEPARTURE POINT — INTENDED DESTINATION
SENECA FALLS,NY — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT OTHER
GEAR COLLAPSED — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
TERRAIN - WET,SOFT GROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LNDD IN OPEN FLD,MUD APRX ONE AND A HALF INCHES DEEP.MIXT CTL IN APRX 57 PCT LEAN PSN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1943	4/18/79 TIME - 1240	ORISKANY,NY	GRUM AMER AA-1C N39006 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 29, 9300 TOTAL HOURS, 351 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ONEIDA COUNTY
DEPARTURE POINT — INTENDED DESTINATION
LEBANON,NH — DURHAMVILLE,NY
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT DESCENDING
COLLIDED WITH FENCE,FENCEPOSTS — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
AIRFRAME - FLIGHT CONTROL SURFACES AILERON SURFACES,ATTACHMENTS
MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
MISCELLANEOUS ACTS,CONDITIONS - MISSING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FUEL SEL ON L TANK WHICH WAS FOUND EMPTY,R TANK LEAKED.IMPACT DMG.BUSHING IN L AILERON BRG MISSING

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FILE    DATE        LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                          PILOT DATA
                                                               F  S M/N      PURPOSE

3-1924  5/27/79     WALLKILL,NY         CESSNA 172M            CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 47, 105
        TIME - 1335                     N80084                 PX-  0  0  2  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 5 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
        NAME OF AIRPORT - KOBELT
        DEPARTURE POINT             INTENDED DESTINATION
          LAGRANGEVILLE,NY            WALLKILL,NY
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          HARD LANDING                                               LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        REMARKS- PLT STATED ACFT DRIFTED TO R EDGE OF RWY DURING APPROACH.

3-1925  5/28/79     E.CHATHAM,NY        SMITH MINI DSA-1       CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 64, 5952
        TIME - 1130                     N9155R                 PX-  0  0  0  PRACTICE                        TOTAL HOURS, 51 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          E.CHATHAM,NY                LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          STALL  SPIN                                                IN FLIGHT  ACROBATICS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS- ABRUPT RECOVERY FM INTENTIONAL SPIN RESULTED IN SECONDARY STALL/SPIN.

3-1927  6/14/79     SHIRLEY,NY          SCHWEIZER SGI-26       CR-  0  0  1  INSTRUCTIONAL                   STUDENT, AGE 26, 18 TOTAL
        TIME - 1300                     N2712H                 PX-  0  0  0  SOLO                            HOURS, 2 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                                   INSTRUMENT RATED.
        NAME OF AIRPORT - BROOKHAVEN
        DEPARTURE POINT             INTENDED DESTINATION
          SHIRLEY,NY                  LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  RUNWAY OR APPROACH LIGHTS                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES  RUNWAY LIGHTING
        REMARKS- CENTERLINE FIXED LDG GEAR. COLLIDED WITH RWY END IDENTIFIER LIGHTS 42 INCHES HIGH.
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FILE     DATE        LOCATION           AIRCRAFT DATA          INJURIES      FLIGHT                                PILOT DATA
                                                                F  S M/N     PURPOSE
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3-1922   6/15/79     SARANAC LAKE,NY    STINSON 108-2          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 49, 90 TOTAL
         TIME - 1530                    N9583K                 PX-  0  0  1  PLEASURE/PERSONAL TRANSP      HOURS, 14 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
         NAME OF AIRPORT - ADIRONDACK
         DEPARTURE POINT              INTENDED DESTINATION
           OGDENSBURG,NY                SARANAC LAKE,NY
         TYPE OF ACCIDENT                                        PHASE OF OPERATION
           GROUND-WATER LOOP-SWERVE                                LANDING  ROLL
           GEAR COLLAPSED                                          LANDING  ROLL

         PROBABLE CAUSE(S)
           PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
         FACTOR(S)
           WEATHER - UNFAVORABLE WIND CONDITIONS
           MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
         WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
         WEATHER FORECAST - UNKNOWN/NOT REPORTED

         SKY CONDITION                                           CEILING AT ACCIDENT SITE
           SCATTERED                                               UNLIMITED
         VISIBILITY AT ACCIDENT SITE                             PRECIPITATION AT ACCIDENT SITE
           5 OR OVER(UNLIMITED)                                    NONE
         OBSTRUCTIONS TO VISION AT ACCIDENT SITE                 WIND DIRECTION-DEGREES
           NONE                                                    270
         WIND VELOCITY-KNOTS                                     TYPE OF WEATHER CONDITIONS
           10                                                      VFR
         TYPE OF FLIGHT PLAN
           NONE
         REMARKS- L LNDG GR COLLAPSED,WIND GUSTING 17K.


3-1923   6/18/79     MONTICELLO,NY      BEECH BE55             CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 41, 1120
         TIME - 1345                    N974E                  PX-  0  0  2  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 250 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
         NAME OF AIRPORT - MONTICELLO
         DEPARTURE POINT              INTENDED DESTINATION
           WHITE PLAINS,NY              MONTICELLO,NY
         TYPE OF ACCIDENT                                        PHASE OF OPERATION
           OVERSHOOT                                               LANDING  LEVEL OFF/TOUCHDOWN
           GEAR COLLAPSED                                          LANDING  ROLL

         PROBABLE CAUSE(S)
           PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         FACTOR(S)
           MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-1942  6/23/79    ALPLAUS,NY          PIPER PA-11          CR-  0  0  2  INSTRUCTIONAL                   ATP,FLIGHT INSTR., AGE
        TIME - 1030                    N1438                PX-  0  0  0  TRAINING                        41, 2591 TOTAL HOURS, 802
                                       DAMAGE-SUBSTANTIAL   OT-  1  0  0                                  IN TYPE, INSTRUMENT
                                                                                                          RATED.
        NAME OF AIRPORT - WELLS SEAPLANE
        DEPARTURE POINT              INTENDED DESTINATION
          ALPLAUS,NY                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          PROPELLER/ROTOR ACCIDENT TO PERSON                        STATIC  ENGINE RUNUP

        PROBABLE CAUSE(S)
          PERSONNEL - MISCELLANEOUS-PERSONNEL  OTHER
        REMARKS- PAX STANDING ON FLOATING DOCK JUMPED ON R FLOAT & FELL INTO PROP.


3-1941  6/23/79    CALLICOON,NY        CESSNA 150           CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, FL.INSTR.,
        TIME - 1015                    N704JB               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        AGE 29, 712 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                                 15 IN TYPE, INSTRUMENT
                                                                                                          RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          ZAHNS,NY                     DUNDEE,NY
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                  LOW ON FUEL


3-1926  7/3/79     BROCKPORT,NY        PIPER PA-23          CR-  0  0  1  NONCOMMERCIAL                   COMMERCIAL, AGE 55, 1755
        TIME - 2130                    N4298P               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 51 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CAMPBELL ROAD
        DEPARTURE POINT              INTENDED DESTINATION
          BROCKPORT,NY                 LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        REMARKS- WRINKLED WING SKIN BTWN BUTT RIB AND ENG NACELLE.RIGHT WING LIFTED BFR TOUCHDOWN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1932	7/4/79 TIME - 1340	SHIRLEY,NY	GRUM AMER AA1-C N9561U DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 54, 1229 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROOKHAVEN
DEPARTURE POINT — INTENDED DESTINATION
SHIRLEY,NY — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH PARKED AIRCRAFT — LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
REMARKS- COLLIDED WITH SAILPLANE,N65901,DEMOLISHED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1931	7/7/79 TIME - 1545	ELMIRA,NY	BRIEGLER BG-12 N31812 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 20 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HARRIS HILL
DEPARTURE POINT — INTENDED DESTINATION
ELMIRA,NY — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
UNDERSHOOT — LANDING FINAL APPROACH
COLLISION WITH GROUND/WATER CONTROLLED — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
REMARKS- OBSVD IN STEEP TURN CLOSE TO GND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1935	7/7/79 TIME - 2117	DERYTER,NY	AERONCA 7AC N83152 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 156 TOTAL HOURS, 76 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CEDRIC HARNES
DEPARTURE POINT — INTENDED DESTINATION
CORTLAND,NY — DERYTER,NY
TYPE OF ACCIDENT — PHASE OF OPERATION
HARD LANDING — LANDING LEVEL OFF/TOUCHDOWN
GEAR COLLAPSED — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- LACK OF CONTRAST,GRASS FIELD,DUSK,PLT LNDD ACFT IN LOWER PORTION OF MOWED HAY FLD.

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FILE     DATE         LOCATION            AIRCRAFT DATA          INJURIES     FLIGHT                           PILOT DATA
                                                                 F  S  M/N    PURPOSE

3-1929   7/14/79     SKANEATELES,NY      PIPER J-3         CR-   0  1  0   NONCOMMERCIAL                 PRIVATE, AGE 21, 194
         TIME - 2045                     N42344            PX-   0  0  0   PLEASURE/PERSONAL TRANSP      TOTAL HOURS, UNK/NR IN
                                         DAMAGE-SUBSTANTIAL                                              TYPE, NOT INSTRUMENT
                                                                                                         RATED.
         NAME OF AIRPORT - AMIDON
         DEPARTURE POINT              INTENDED DESTINATION
           SKANEATELES,NY               LOCAL
         TYPE OF ACCIDENT                                        PHASE OF OPERATION
           STALL                                                   TAKEOFF  INITIAL CLIMB

         PROBABLE CAUSE(S)
           PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         REMARKS- STALLED DURING C TURN OUT.


3-1930   7/21/79     GENESEO,NY          PALERMO ACE       CR-   0  0  1   NONCOMMERCIAL                 AIRLINE TRANSPORT, AGE
         TIME - 1610                     N666D             PX-   0  0  0   PLEASURE/PERSONAL TRANSP      62, 10000 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                              300 IN TYPE, INSTRUMENT
                                                                                                         RATED.
         NAME OF AIRPORT - GENESEO
         DEPARTURE POINT              INTENDED DESTINATION
           GENESEO,NY                   LOCAL
         TYPE OF ACCIDENT                                        PHASE OF OPERATION
           ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  OTHER
           NOSE OVER/DOWN                                          LANDING  ROLL

         PROBABLE CAUSE(S)
           MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
           MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
         FACTOR(S)
           TERRAIN - WET,SOFT GROUND
         COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
         EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
         REMARKS- CARB INTAKE HAD PARTICALS OF RUBBER LODGED IN IT.PLT HAD BEEN USING DRY GAS.


3-1936   7/28/79     WALLKILL,NY         CESSNA 177        CR-   0  0  1   NONCOMMERCIAL                 PRIVATE, AGE 52, 301
         TIME - 1345                     N33431            PX-   0  0  3   PLEASURE/PERSONAL TRANSP      TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.

         NAME OF AIRPORT - KOBELT
         DEPARTURE POINT
           WALLKILL,NY                                           PHASE OF OPERATION
         TYPE OF ACCIDENT                                          TAKEOFF  ABORTED
           COLLIDED WITH  FENCE,FENCEPOSTS

         PROBABLE CAUSE(S)
           PILOT IN COMMAND - MISJUDGED DISTANCE
           PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1929	7/28/79 TIME - 1500	DURHAM,NY	CESSNA 185 N601 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL AERIAL SURVEY	COMMERCIAL, AGE 61, 22567 TOTAL HOURS, 5963 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  ALBANY,NY
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  NOSE OVER/DOWN
PHASE OF OPERATION
  IN FLIGHT DESCENDING
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES
  MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
  TERRAIN - HIDDEN OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- HIT HIDDEN FENCE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1933	8/5/79 TIME - 1240	WHITE PLAINS,NY	CESSNA 340 N66AJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 462 TOTAL HOURS, 76 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WESTCHESTER CO
DEPARTURE POINT
  WHITE PLAINS,NY
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                        PILOT DATA
                                                                F  S  M/N    PURPOSE

3-1951  1/19/79     MIAMISBURG,OH         CESSNA 310Q          CR-  0  0  1  COMMERCIAL                   COMMERCIAL, AGE 32, 3534
        TIME - 2025                       N7695Q               PX-  0  0  2  AIR TAXI PASSG               TOTAL HOURS, 210 IN TYPE,
                                          DAMAGE-DESTROYED                                                INSTRUMENT RATED.
        NAME OF AIRPORT - DAYTON GENERAL S.
        DEPARTURE POINT             INTENDED DESTINATION
          LONDON,KY                   MIAMISBURG,OH
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  BUILDING(S)                                  LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IFR OPERATION
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - FOG
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          OBSCURATION                                                 200
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          1/4 MILE OR LESS                                            FREEZING DRIZZLE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
          FOG                                                         28
        TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
          IFR                                                         IFR
        FIRE AFTER IMPACT
        REMARKS- PLT NEVER RPTD CANCELLING IFR AFT ANILE FIX.NEAREST WX STATION RPTD VIS BELOW MINS.COLLIDED W SILO


3-1956  7/29/79     WAYNESVILLE,OH        BEECH B23            CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 46, 347
        TIME - 2040                       N9132T               PX-  0  2  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 5 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WAYNESVILLE
        DEPARTURE POINT             INTENDED DESTINATION
          WAYNESVILLE,OH              LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  CLIMB TO CRUISE
          COLLIDED WITH  TREES                                        LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
          POWERPLANT - FUEL SYSTEM  CARBURETOR
        FACTOR(S)
          POWERPLANT - ENGINE STRUCTURE  PISTON,PISTON RINGS
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED
          POWERPLANT - ENGINE STRUCTURE  CYLINDER ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- MIXTURE LEAN
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best copy available

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1834	7/30/79 TIME - 0950	CHILLICOTHE,OH	SIKORSKY S-55C N5099Y DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 2204 TOTAL HOURS, 277 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  CHILLICOTHE,OH
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
  KIND OF CROP - BEANS
  PILOT'S SEAT BELT - FASTENED-PROPERLY
  GOGGLES - USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - BELLY
  ELEVATION-AREA BEING TREATED-FEET - 610
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
  GLOVES - USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - NOT INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - DOWNWIND
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1993	9/7/79 TIME - 1845	CRESWELL,OR	CESSNA 152 N89487 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 32, 41 TOTAL HOURS, 26 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOBBY
DEPARTURE POINT
  CRESWELL,OR
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2043	9/8/79 TIME - 1630	EUGENE,OR	CESSNA 150 N7091F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 62, 720 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MAHLON-SWEET
DEPARTURE POINT
  CRESWELL,OR
INTENDED DESTINATION
  EUGENE,OR
TYPE OF ACCIDENT
  UNDERSHOOT
  HARD LANDING
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  70
WIND VELOCITY-KNOTS
  12
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES
  210
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- LND 20FT SHORT OF RWY, GUSTING TO 20K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1863	1/25/79 TIME - 0607	PITTSBURGH,PA	BEECH H18 N135W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 27, 3008 TOTAL HOURS, 66 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GREATER PITTSBURG
DEPARTURE POINT — INTENDED DESTINATION
PITTSBURGH,PA — CHICAGO,IL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
FACTOR(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - IGNITION SYSTEM MAGNETOS
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
MISCELLANEOUS ACTS,CONDITIONS - UNAPPROVED MODIFICATION
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- ACFT 263LBS OVER G/W.MAG BREAKER PTS .002 + .003IN,SPEC STATE .008IN.T W SECURED DOWN.2 AD'S NCW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1977	4/4/79 TIME - 1330	SIPESVILLE,PA	BELL 206B N708B DAMAGE-DESTROYED	CR- 2 0 0 PX- 2 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 35, 172 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
LATROBE,PA
INTENDED DESTINATION
HOLSOPPLE,PA
TYPE OF ACCIDENT
TURBULENCE
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - FOG
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
150
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
500
PRECIPITATION AT ACCIDENT SITE
RAIN
TEMPERATURE-F
36
WIND VELOCITY-KNOTS
6
TYPE OF FLIGHT PLAN
NONE
REMARKS- RECOVERY DATE 4/05/79.DPTD LATROBE ARPT.PEAK WIND GUSTS 56KTS. REPORTED SEVERE TURB IN AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1920	5/22/79 TIME - 2000	BERWICK,PA	PIPER PA-28 N8730N DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 42, 323 TOTAL HOURS, 96 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BERWICK
DEPARTURE POINT
BERWICK,PA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1979	6/12/79 TIME - UNK/NR	ERIE,PA	PIPER PA-28 N4321R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 22, 66 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ERIE INTL
DEPARTURE POINT
YOUNGSTOWN,OH
INTENDED DESTINATION
ERIE,PA
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH RUNWAY OR APPROACH LIGHTS
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1914	6/22/79 TIME - 1745	SHIPPENSBURG,PA	CESSNA 172 N12544 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 305 TOTAL HOURS, 264 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHIPPENSBURG
DEPARTURE POINT
HANOVER,PA
INTENDED DESTINATION
SHIPPENSBURG,PA
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
WEATHER - THUNDERSTORM ACTIVITY

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
6000
PRECIPITATION AT ACCIDENT SITE
THUNDERSTORM
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
NONE
REMARKS- PILOT FAILED TO RETRACT FLAPS ON GO-AROUND.

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FILE   DATE          LOCATION              AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                                 F  S M/N      PURPOSE

3-1916 6/27/79    KITTANNING,PA          CESSNA 150          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 28, 85 TOTAL
       TIME - 1630                       N18077              PX-  0  0  1  PLEASURE/PERSONAL TRANSP    HOURS, 62 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         NORFOLK,VA                      BUTLER,PA
       TYPE OF ACCIDENT                                               PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                  IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  DITCHES                                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - BECAME LOST/DISORIENTED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
         TERRAIN - HIDDEN OBSTRUCTIONS
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-1915 7/14/79    HANOVER,PA             CESSNA 175          CR-  0  1  0  NONCOMMERCIAL               AIRLINE TRANSPORT, AGE
       TIME - 0437                       N7260M              PX-  0  0  0  BUSINESS                    47, 10260 TOTAL HOURS,
                                         DAMAGE-DESTROYED                                              227 IN TYPE, INSTRUMENT
                                                                                                       RATED.
       NAME OF AIRPORT - DEVENER
       DEPARTURE POINT                 INTENDED DESTINATION
         HANOVER,PA                      WASHINGTON,DC
       TYPE OF ACCIDENT                                               PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                  TAKEOFF  INITIAL CLIMB
         COLLIDED WITH  TREES                                           LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
         MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- NR 5 CYL-COMPRESSION TEST 5-10 PSI. INNER VALVE SPRING,P/N 625957,TESTED BELOW MIN. VALVE BURNED.


3-1918 7/22/79    MONROEVILLE,PA         GRUM AMER AA-1      CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 53, 356
       TIME - 1130                       N5908L              PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 155 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - MONROEVILLE
       DEPARTURE POINT                 INTENDED DESTINATION
         MONROEVILLE,PA                  LOCAL
       TYPE OF ACCIDENT                                               PHASE OF OPERATION
         HARD LANDING                                                   LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                                 LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1980	7/26/79 TIME - 0945	WILLOW GROVE,PA	CESSNA 150 N63150 DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 56, 12011 TOTAL HOURS, 587 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WILLOW GROVE
DEPARTURE POINT — INTENDED DESTINATION
WILLOW GROVE,PA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
STALL — LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
EMERGENCY CIRCUMSTANCES - DOOR/PANEL OPEN
FIRE AFTER IMPACT
REMARKS- ENG OIL ACCESS DOOR OPENED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1978	7/30/79 TIME - 1031	GREENSBURG,PA	PIPER PA-28 N69EJ DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 300 TOTAL HOURS, 288 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
LATROBE,PA — PITTSBURGH,PA
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH TREES — IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG

SKY CONDITION
PARTIAL OBSCURATION
VISIBILITY AT ACCIDENT SITE
ZERO
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF FLIGHT PLAN
CONTROLLED VFR

CEILING AT ACCIDENT SITE
800
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1917	7/30/79 TIME - 1930	BARNESBORO,PA	HUGHES 300C N8641F DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 33, 3817 TOTAL HOURS, 175 IN TYPE, NOT INSTRU-MENT RATED.

DEPARTURE POINT
BENSBURG,PA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1800
KIND OF CROP - POTATOES
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - AFT OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1890
PROCEDURE TURNAROUND - THIRD 1/3 TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1976	8/1/79 TIME - 1430	BEDFORD,PA	PITTS S1S N8004 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 780 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BEDFORD
DEPARTURE POINT
FREDRICKSBURG,VA
INTENDED DESTINATION
BEDFORD,PA
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1921	8/9/79 TIME - 1945	PROSPECTVILLE,PA	PIPER PA-38 N9387T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 27, 15 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TURNER FIELD
DEPARTURE POINT
PROSPECTVILLE,PA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1910	8/9/79 TIME - 0953	LEDERACH,PA	CESSNA 172 N1459U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 400 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LILLIPUT
DEPARTURE POINT: LEDERACH,PA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: LANDING: GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1975	8/12/79 TIME - 2300	YOUNGSVILLE,PA	BEECH B-24R N9250S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 212 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROKEN STRAW
DEPARTURE POINT: YOUNGSVILLE,PA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL: MUSH
PHASE OF OPERATION: TAKEOFF: INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - PREMATURE LIFT-OFF
REMARKS- PLTS 1ST TKOF FM SOD/GRASS RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1960	7/23/79 TIME - 1515	NR.W.GREENWICH,RI	GRUM AMER AA1B N9678L DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 78 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: WEST KINGSTON,RI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: LANDING: ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
TERRAIN - HIGH OBSTRUCTIONS
WEATHER - OBSTRUCTIONS TO VISION
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
LOW ON FUEL

SKY CONDITION: CLEAR
VISIBILITY AT ACCIDENT SITE: 2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: HAZE
TYPE OF FLIGHT PLAN: NONE
CEILING AT ACCIDENT SITE: UNLIMITED
PRECIPITATION AT ACCIDENT SITE: NONE
TYPE OF WEATHER CONDITIONS: VFR

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES    FLIGHT                         PILOT DATA
                                                                F  S  M/N   PURPOSE

3-1954  4/23/79  NR.WILLIAMSTON,SC     CESSNA 152            CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 41, 87 TOTAL
        TIME - 1430                    N26833                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          HIGH POINT,NC                CARTERSVILLE,GA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  FENCE,FENCEPOSTS                          LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2056  7/27/79  NR.ST MATTHEWS,SC     MOONEY M20E           CR-  0  0  1  NONCOMMERCIAL                 CERTIFICATE UNKNOWN, AGE
        TIME - 1045                    N1270X                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     UNK/NR, UNK/NR TOTAL
                                       DAMAGE-SUBSTANTIAL                                                HOURS, UNK/NR IN TYPE,
                                                                                                         UNK/NR INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          UNKNOWN/NOT REPORTED         ST MATTHEWS,SC
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                               IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        REMARKS- PLT NOT IDENTIFIED,INJURY INDEX PRESUMED.


3-1959  8/17/79    SYCAMORE,SC         BELLANCA 8GCBC        CR-  0  0  1  COMMERCIAL                    COMMERCIAL, FL.INSTR.,
        TIME - 1925                    N7686S                PX-  0  0  0  AERIAL APPLICATION            AGE 29, 1700 TOTAL HOURS,
                                       DAMAGE-DESTROYED                                                  450 IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - PHILLIPS
        DEPARTURE POINT              INTENDED DESTINATION
          SYCAMORE,SC                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  TREES                                     IN FLIGHT  STARTING SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 1350                     KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - BEANS                                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED               GLOVES - NOT USED
          GOGGLES - NOT USED                                     CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                       CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - BELLY                           TERRAIN-TYPE - LEVEL,FLAT
        REMARKS- DISPENSING LANATE & BENLATE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2052	8/23/79 TIME - 1130	TIMMONSVILLE,SC	HILLER UH-12E N121NP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 8160 TOTAL HOURS, 188 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  TIMMONSVILLE,SC
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
  WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  270
TYPE OF WEATHER CONDITIONS
  VFR

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  90
WIND VELOCITY-KNOTS
  5
TYPE OF FLIGHT PLAN
  NONE

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 8160
  KIND OF CROP - BEANS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - BELLY
  ELEVATION-AREA BEING TREATED-FEET - 149
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - NOT INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - UPWIND
FIRE AFTER IMPACT
REMARKS- PIC FLEW UNDER POWER LINES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2056	9/11/79 TIME - 1500	NR.JOHNSONVILLE,SC	CALLAIR A-9 N3592G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 23, 3015 TOTAL HOURS, 95 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TURF AIRSTRIP
DEPARTURE POINT — INTENDED DESTINATION
JOHNSONVILLE,SC — STUCKEY,SC
TYPE OF ACCIDENT — PHASE OF OPERATION
FIRE OR EXPLOSION IN FLIGHT — TAKEOFF INITIAL CLIMB
COLLIDED WITH DITCHES — TAKEOFF ABORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT
MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1500 — KIND OF OPERATION - FERRY
KIND OF CROP - UNKNOWN/NOT REPORTED — TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
PILOT'S SEAT BELT - NOT FASTENED — COCKPIT CRASHPAD - NOT INSTALLED
CRASH BAR - NOT INSTALLED — TANK/HOPPER-LOCATION - FORWARD OF PILOT
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1050	8/6/79 TIME - 1910	BROOKINGS,SD	GRUMMAN AA-1B N6333L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 497 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROOKINGS MUNI
DEPARTURE POINT — INTENDED DESTINATION
BROOKINGS,SD — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH DITCHES — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
REMARKS- MAIN RUNWAY CLOSED,PILOT NOT CLEAR ON RUNWAY TO USE,USED TAXIWAY FOR TAKEOFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1969	6/23/79 TIME - 1214	NR.PAMPA,TX	BEECH V35A N2028V DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 500 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PAMPA,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- TWO TABLESPOONS WATER DRAINED FROM BOOST PUMP LINES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1887	7/16/79 TIME - 1600	CASTROVILLE,TX	PIPER PA-18 N4779S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TOWING GLIDERS	COMMERCIAL, AGE 30, 2679 TOTAL HOURS, 87 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CASTROVILLE
DEPARTURE POINT
CASTROVILLE,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - WET,SOFT GROUND
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
REMARKS- OFF AIRPORT LNDG TO RETRIEVE GLIDER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1881	7/19/79 TIME - 0905	ABILENE,TX	CESSNA 150 N7140X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 17, 21 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ELMDALE
DEPARTURE POINT
ABILENE,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- VARIABLE WIND GUSTING 10KTS.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT QUARTERING TAIL WIND 203-247 DEGREES
WIND DIRECTION-DEGREES
45
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1883	8/11/79 TIME - 0040	SUGARLAND,TX	PIPER PA-28 N4247J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	MISCELLANEOUS TEST	COMMERCIAL, AGE 30, 371 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HULL FIELD
DEPARTURE POINT
HOUSTON,TX
INTENDED DESTINATION
SUGARLAND,TX
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1886	8/24/79 TIME - 0915	JUNCTION,TX	CESSNA 152A N4669A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 20, 97 TOTAL HOURS, 47 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - A RANCH
DEPARTURE POINT: JUNCTION,TX — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH FENCE,FENCEPOSTS — PHASE OF OPERATION: TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1884	8/25/79 TIME - 1245	MIDLAND,TX	DAVIS DA-5A N7022T DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 45, 543 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MIDLAND AIRPARK
DEPARTURE POINT: MIDLAND,TX — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT:
ENGINE FAILURE OR MALFUNCTION — PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE
COLLISION WITH GROUND/WATER CONTROLLED — PHASE OF OPERATION: LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ENG COWLING NOT INSTALLED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1885	8/29/79 TIME - 1300	FT WORTH,TX	CESSNA 177 N2899X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 19, 64 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LUCK FIELD
DEPARTURE POINT: FT WORTH,TX — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: HARD LANDING — PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES    FLIGHT                        PILOT DATA
                                                                F  S M/N    PURPOSE

3-1846 4/26/79    HILLSBORO,VA          CESSNA 182J          CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 54, 1815
       TIME - 1015                      N2738F               PX-  1  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-DESTROYED                                              INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         EASTON,MD                      COLUMBUS,OH
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         COLLIDED WITH  TREES                                         IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - FOG
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                                CEILING AT ACCIDENT SITE
         OBSCURATION                                                  0
       VISIBILITY AT ACCIDENT SITE                                  PRECIPITATION AT ACCIDENT SITE
         ZERO                                                         DRIZZLE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                      TEMPERATURE-F
         FOG                                                          65
       TYPE OF WEATHER CONDITIONS                                   TYPE OF FLIGHT PLAN
         IFR                                                          NONE
       FIRE AFTER IMPACT
       REMARKS- FLEW INTO MOUNTAIN.


3-1836 4/30/79  NR.QUILCENE,WA         CESSNA 182Q          CR-  0  1  0  NONCOMMERCIAL               PRIVATE, AGE 49, 154
       TIME - 2348                      N759EZ               PX-  1  2  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         SEATTLE,WA                     PORT ANGELES,WA
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         COLLIDED WITH  TREES                                         IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - FOG
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
       MISSING AIRCRAFT - LATER RECOVERED

       SKY CONDITION                                                CEILING AT ACCIDENT SITE
         BROKEN                                                       1900
       VISIBILITY AT ACCIDENT SITE                                  PRECIPITATION AT ACCIDENT SITE
         1/4 MILE OR LESS                                             NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                      TEMPERATURE-F
         FOG                                                          56
       WIND DIRECTION-DEGREES                                       WIND VELOCITY-KNOTS
         220                                                          5
       TYPE OF WEATHER CONDITIONS                                   TYPE OF FLIGHT PLAN
         IFR                                                          NONE
       FIRE AFTER IMPACT
       REMARKS- ACFT ENCOUNTERED FOG.PLT ATTEMPTED CRS REVERSAL ON AUTO-PLT.HIT TREES IN TURN.RECOVERED 5/2/79.
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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                               F  S M/N     PURPOSE

3-1838  6/8/79     SEATTLE,WA          CESSNA T337E         CR-  1  0  0  NONCOMMERCIAL                  COMMERCIAL, AGE 28,
        TIME - 1028                    N63225               PX-  0  0  0  PLEASURE/PERSONAL TRANSP       UNK/NR TOTAL HOURS,
                                       DAMAGE-DESTROYED                                                  UNK/NR IN TYPE, NOT
                                                                                                         INSTRUMENT RATED.
        NAME OF AIRPORT - BOEING
        DEPARTURE POINT              INTENDED DESTINATION
          SEATTLE,WA                   AUBURN,WA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  CLIMB TO CRUISE
          STALL                                                     IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - EXHAUST SYSTEM  EXTERNAL SUPERCHARGER
          MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- FRONT ENG QUIT,FEATH PROP,REAR ENG LOST PWR DUE MALFUNCT TURBO,DIDNT RET TO LINE ON PREV T/O ABORT


3-1837  7/6/79   NR.LEAVENWORTH,WA     AERO COMDR 114       CR-  2  0  0  COMMERCIAL                     COMMERCIAL, AGE 31, 2700
        TIME - 1200                    N5873N               PX-  0  0  0  AIR TAXI-CARGO                 TOTAL HOURS, 1550 IN
                                       DAMAGE-DESTROYED                                                  TYPE, NOT INSTRUMENT
                                                                                                         RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          WENATCHEE,WA           ,     SEATTLE,WA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL                                                     IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
          TERRAIN - SNOW-COVERED
        MISSING AIRCRAFT - LATER RECOVERED
        FIRE AFTER IMPACT
        REMARKS- LOST CTL DURING TURNAROUND NEAR MTN. RECOVERY DATE 7/9/79.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1835	7/7/79	BREMERTON,WA	CESSNA 172M	CR- 1 0 0	NONCOMMERCIAL	
	TIME - 0014		N172KA	PX- 1 1 0	PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 20, 120
			DAMAGE-DESTROYED			TOTAL HOURS, 27 IN TYPE,
						NOT INSTRUMENT RATED.

DEPARTURE POINT
BREMERTON,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FIRE AFTER IMPACT
REMARKS- ACFT TOPPED TREE.STRUCK GRND AT LOW FWD SPD 1/4 MILE AWAY.PLT B/A LEVEL .266 PER CENT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1991	8/25/79	SNOHOMISH,WA	NAVION A	CR- 0 0 1	NONCOMMERCIAL	
	TIME - 1030		N8750H	PX- 0 0 3	PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 748
			DAMAGE-SUBSTANTIAL			TOTAL HOURS, 334 IN TYPE,
						NOT INSTRUMENT RATED.

NAME OF AIRPORT - HARVEY
DEPARTURE POINT
SNOHOMISH,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- SETTLED BACK TO RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1992	8/25/79	MARTHA LAKE,WA	DEHAVILLAND MOTH	CR- 0 0 1	NONCOMMERCIAL	
	TIME - 1155		N8722	PX- 0 0 1	PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 216
			DAMAGE-SUBSTANTIAL			TOTAL HOURS, 104 IN TYPE,
						NOT INSTRUMENT RATED.

NAME OF AIRPORT - MARTHA LAKE
DEPARTURE POINT
MARTHA LAKE,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1990	8/31/79 TIME - 1530	ARLINGTON,WA	GREAT LAKES BABY N8850 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 64, 200 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARLINGTON
DEPARTURE POINT: ARLINGTON,WA
INTENDED DESTINATION: ARLINGTON,WA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING OTHER
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- HI-SPEED GND RUN,BECAME AIRBORNE,THEN LNDD & LOST CTL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1840	5/13/79 TIME - 1105	WELCH,WV	PIPER PA-24 N8179P DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 3000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: DUBLIN,VA
INTENDED DESTINATION: WELCH,WV
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION: OVERCAST
CEILING AT ACCIDENT SITE: 50
VISIBILITY AT ACCIDENT SITE: 1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE: RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- GENERAL DISINTEGRATION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2037	5/25/79 TIME - 2317	CHARLESTON,WV	BEECH D-18 N1812D DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 61, 7928 TOTAL HOURS, 1800 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KANAWHA
DEPARTURE POINT — INTENDED DESTINATION
CHARLOTTE,NC — YOUNGSTOWN,OH
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT: NORMAL CRUISE
COLLISION WITH GROUND/WATER: UNCONTROLLED — LANDING: FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
POWERPLANT - LUBRICATING SYSTEM: LINES,HOSES,FITTING
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
WEATHER - LOW CEILING
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION — CEILING AT ACCIDENT SITE
OVERCAST — 800
VISIBILITY AT ACCIDENT SITE — PRECIPITATION AT ACCIDENT SITE
4 MILES OR LESS — DRIZZLE, RAIN SHOWERS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — TEMPERATURE-F
FOG — 43
WIND DIRECTION-DEGREES — WIND VELOCITY-KNOTS
270 — 10
TYPE OF WEATHER CONDITIONS — TYPE OF FLIGHT PLAN
IFR — IFR
FIRE AFTER IMPACT
REMARKS- PILOT DEPARTED ON LAST LEG OF FLIGHT DESPITE OBSERVING LARGE OIL LEAK.PLT ON DUTY SINCE 0730.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1833	4/1/79 TIME - 1145	BRISTOL,WI	BELLANCA 7GCBC N5507K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL ADVERTISING	COMMERCIAL, FL.INSTR., AGE 32, 1316 TOTAL HOURS, 70 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
WINFIELD,IL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
4 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
1800
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
38
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1832	4/13/79 TIME - 1355	IOLA,WI	PIPER PA-32R N9585C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 375 TOTAL HOURS, 157 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
STEVENS PT,WI
INTENDED DESTINATION
MUSKEGON,MI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
MISCELLANEOUS ACTS,CONDITIONS - POOR WELD
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
TERRAIN - WET,SOFT GROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- REGULATOR STEM, P/N 2529191,SEPARATED FROM THE REGULATOR SERVO BALL, P/N 193862.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1947	6/26/79 TIME - 0044	WASHINGTON,DC	MOONEY M20J N201DW DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 695 TOTAL HOURS, 334 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NATIONAL
DEPARTURE POINT
COLUMBUS,OH
INTENDED DESTINATION
WASHINGTON,DC
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
LANDING: FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1944	1/11/79 TIME - UNK/NR	MISSING AIRCRAFT	BEECH A23A N925R7 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 32, 370 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
OPA LOCKA,FL
INTENDED DESTINATION
ST THOMAS,VI
LAST ENROUTE STOP
GREAT INAGUA,BAHAMAS
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
REMARKS- 1ST OVERWATER FLT.ACFT DMG & INJURY INDEX PRESUMED.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                              F  S M/N     PURPOSE
---------------------------------------------------------------------------------------------------------------------------
3-1961  6/28/79     ST.CROIX,VI         CRESSNA 172         CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 42, 4500
        TIME - 1735                     N29490              PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 160 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          ST KITTS,B.W.I.               ST.CROIX,VI
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                       LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          WEATHER - THUNDERSTORM ACTIVITY
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          SCATTERED                                                  UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    WIND DIRECTION-DEGREES
          NONE                                                       70
        WIND VELOCITY-KNOTS                                        TYPE OF WEATHER CONDITIONS
          15                                                         VFR
        TYPE OF FLIGHT PLAN
          VFR
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80-5

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

AIRCRAFT ACCIDENT REPORTS

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BRIEF FORMAT
U.S. CIVIL AVIATION
ISSUE NUMBER 8 OF 1979 ACCIDENTS

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16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 300 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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U.S. GENERAL AVIATION

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident

An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury

Any injury which results in death within 7 days of the accident.

Serious Injury

Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
: Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
: Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
: Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
: Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

EXPLANATORY NOTES

KIND OF FLYING

2. Noncommerical Flying
   Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

   Pleasure
   Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

   Business
   The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

   Corporate/Executive Operations
   The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
   Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
   Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 - 2,250 kilograms	(0 - 4,960 pounds)
2,251 - 5,700 kilograms	(4,961 - 12,565 pounds)
5,701 - 27,000 kilograms	(12,566 - 59,525 pounds)
27,001 - 272,000 kilograms	(59,526 - 599,650 pounds)
272,001 - kilograms and greater	(599,651 pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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BRIEFS OF ACCIDENTS

INITIAL RELEASE

PREVIOUS YEAR(S)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4240	9/24/77 TIME - 0216	FARMERSBURG,IN	BEECH C55 N37540 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 44, 9500 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  FENTON,MO
INTENDED DESTINATION
  DETROIT,MI
TYPE OF ACCIDENT
  AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
FACTOR(S)
  PILOT IN COMMAND - PHYSICAL IMPAIRMENT
  MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
  MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
REMARKS- CARGO NOT SECURED.CG 1.6IN AFT REAR LIMITS.PLT BLOOD ALCOHOL 86MG%,GASTRIC 438MG%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4251	10/1/77 TIME - 0456	NR.PLYMOUTH,IN	BEECH E18S N5601D DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 45, 13676 TOTAL HOURS, 2355 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PLYMOUTH MUNI
DEPARTURE POINT
  DAYTON,OH
INTENDED DESTINATION
  CHICAGO,IL
TYPE OF ACCIDENT
  PROPELLER/ROTOR FAILURE PROPELLER
  ENGINE TEARAWAY
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  POWERPLANT - PROPELLER AND ACCESSORIES BLADES
  MISCELLANEOUS ACTS,CONDITIONS - NICKED
  MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
  MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
REMARKS- ACFT DESTROYED DRG FORCED LDG.

```
FILE    DATE           LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                      PILOT DATA
                                                                 F  S M/N    PURPOSE

3-4406  7/14/78  NR.NOME.AK            BRANTLY B2-B          CR-  1  0  0  MISCELLANEOUS          COMMERCIAL, FL.INSTR.,
        TIME - UNK/NR                  N2281U                PX-  0  0  0  OTHER                  AGE 58, UNK/NR TOTAL
                                       DAMAGE-SUBSTANTIAL                                         HOURS, UNK/NR IN TYPE,
                                                                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT          INTENDED DESTINATION          LAST ENROUTE STOP
          NOME,AK                  TELLER,AK                     UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  TAIL ROTOR                    UNKNOWN/NOT REPORTED
          HARD LANDING                                           IN FLIGHT  AUTOROTATIVE DESCENT

        PROBABLE CAUSE(S)
          ROTORCRAFT - ROTOR ASSEMBLIES  TAIL ROTOR BLADES
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
        REMARKS- HERDING ANIMALS.THROTTLE FOUND FULL OPEN.SHORT SEASON-FLEW APPROX 190HRS IN PAST MONTH.


3-4407  9/9/78   NR.WRANGELL.AK        SOLOY 12FJ3           CR-  1  0  0  COMMERCIAL             COMMERCIAL, AGE 30, 5283
        TIME - 1447                    N5384V                PX-  2  0  0  AIR TAXI-PASSG         TOTAL HOURS, 1003 IN
                                       DAMAGE-DESTROYED                                           TYPE, NOT INSTRUMENT
                                                                                                  RATED.
        NAME OF AIRPORT - WRANGELL
        DEPARTURE POINT          INTENDED DESTINATION          LAST ENROUTE STOP
         WRANGELL,AK               RETURN                        FIELD SITE
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  MAIN ROTOR                    LANDING  FINAL APPROACH
          COLLISION WITH GROUND/WATER  UNCONTROLLED              LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PERSONNEL - PRODUCTION-DESIGN-PERSONNEL  SUBSTANDARD QUALITY CONTROL
          ROTORCRAFT - ROTOR ASSEMBLIES  MAIN ROTOR BLADES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER CLEARANCE-TOLERANCE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
        REMARKS- FLOAT EQUIPPED,UNDERSIZE THREADS ON ANTI-NODE BAR ASMBLY(PN 2253-1124-1).ANTI-NODE WT SEP IN-FLT.
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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4408	9/15/78 TIME - 1200	NR.FAIRBANKS.AK	AERONCA 7EC N4739E DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 1950 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BRADLEY SKY RANCH.AK
INTENDED DESTINATION
CLEAR.AK
LAST ENROUTE STOP
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - INCAPACITATION
MISCELLANEOUS ACTS.CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
FACTOR(S)
PILOT IN COMMAND - PSYCHOLOGICAL CONDITION
MISCELLANEOUS ACTS.CONDITIONS - SEAT BELT NOT FASTENED
MISSING AIRCRAFT - LATER RECOVERED
REMARKS- 366MG% ALCOHOL IN PILOTS BLOOD.FLAT TUNDRA WITH SCRUB TREES.RECOVERED 5/14/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4411	11/4/78 TIME - 0540	ANCHORAGE.AK	HAWKER-SDLY DH-125 N600JA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	ATP.FLIGHT INSTR., AGE 35, 14795 TOTAL HOURS, 1970 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ANCHORAGE INTL
DEPARTURE POINT
ANCHORAGE.AK
INTENDED DESTINATION
DUTCH HARBOR.AK
TYPE OF ACCIDENT
GEAR RETRACTED
PHASE OF OPERATION
STATIC STARTING ENGINE(S)

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PERSONNEL - MAINTENANCE.SERVICING.INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)
REMARKS- MAINT PERFORMED ON 3 NOV REQUIRING GEAR SEL MOVEMENT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4412	11/19/78 TIME - UNK/NR	MISSING AIRCRAFT	LAKE LA-4 N2767P DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HOMER.AK
INTENDED DESTINATION
ANCHORAGE.AK
TYPE OF ACCIDENT
MISSING AIRCRAFT.NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
REMARKS- INJURY AND DAMAGE INDEX PRESUMED.PIREP STATED UNABLE MAIN VFR.PLT STATED GOING OUT OVER INLET.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4414	12/19/78 TIME - 1020	NR.BETHEL.AK	CESSNA 185 N2214T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 2000 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BETHEL.AK
INTENDED DESTINATION
NEW TOK.AK
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - SNOW-COVERED
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FROZEN LAKE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4420	8/14/78 TIME - 1455	NR.EDGERTON.WY	PIPER PA-28 N40439 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL OTHER	PRIVATE, AGE 18, 337 TOTAL HOURS, 88 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GILLETTE.WY
INTENDED DESTINATION
CASPER.WY
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
IFR
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
THUNDERSTORM
TYPE OF WEATHER CONDITIONS
IFR
REMARKS- PILOT TIMES ARE FROM FAA RECORDS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4421	11/8/78 TIME - 2017	NR.MEETEETSE,WY	GRUM-AMER AA-5B N28406 DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 31, 82 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  CODY,WY
INTENDED DESTINATION
  IDAHO FALLS,ID
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  RAIN
TYPE OF WEATHER CONDITIONS
  IFR

REMARKS- WITNESS STATED-WX COND DETERIORATING,W STRONG SW WND,LGT RAIN,ALMOST SLEET,MOON PART CVRD BY CLDS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4430	1/2/78 TIME - 1955	NR.MELLEN,WI	PIPER PA-28 N8215C DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 1454 TOTAL HOURS, 28 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  SILVER BAY,MN
INTENDED DESTINATION
  WAUPACA,WI
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  WEATHER - LOW CEILING
  WEATHER - SNOW
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  BLOWING SNOW
WIND VELOCITY-KNOTS
  20
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  SNOW
WIND DIRECTION-DEGREES
  300
TYPE OF WEATHER CONDITIONS
  IFR
FIRE AFTER IMPACT
REMARKS- RECOVERY DATE 4/22/78.HEAVY SNOW STORM REPORTED IN AREA.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4431	9/11/78 TIME - 1250	NR.BROOK,IN	BRANTLEY B-2B N2284U DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 35, 542 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROOK HOSP. HELI
DEPARTURE POINT — BROOK,IN
INTENDED DESTINATION — WATSEKA,IL
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION — IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SEAT BELT NOT FASTENED
REMARKS- HEL NOSED UP & ROLLED OVER DRG FLT.IP STATED-PLT CAREFUL EXCEPT USUALLY WANTED TO FLY 100MPH(VNE).

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4433	3/14/78 TIME - 0413	WHITELAKE,MI	BEECH D18 N4270 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 54, 5443 TOTAL HOURS, 421 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OAKLAND-PONTIAC
DEPARTURE POINT — FLINT,MI
INTENDED DESTINATION — WHITELAKE,MI
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
WEATHER - WIND SHEAR
FACTOR(S)
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS

SKY CONDITION — OVERCAST
CEILING AT ACCIDENT SITE — 400
VISIBILITY AT ACCIDENT SITE — 2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 37
WIND DIRECTION-DEGREES — 130
WIND VELOCITY-KNOTS — 30
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — IFR
FIRE AFTER IMPACT
REMARKS- LOCAL RESIDENTS REPORTED TORNADO LIKE WINDS IN AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4434	10/11/78 TIME - 2045	CLEVELAND,OH	BEECH G18 N117 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 42, 2673 TOTAL HOURS, 267 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CLEVELAND HOPKINS
DEPARTURE POINT: BOWLING GREEN,KY
INTENDED DESTINATION: CLEVELAND,OH
TYPE OF ACCIDENT: HARD LANDING; WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - CARGO SHIFTED
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
FIRE AFTER IMPACT
REMARKS- NO CARGO NET OR ROPE FOUND IN AIRCRAFT.1ST FLT IN THIS MODEL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4435	7/9/78 TIME - 1415	RICHMOND,IN	DOUGLAS DC-3 N45873 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 3 37	MISCELLANEOUS PARAJUMP-SPORT	COMMERCIAL, AGE 22, 1008 TOTAL HOURS, 145 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RICHMOND MUNI
DEPARTURE POINT: RICHMOND,IN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
SYSTEMS - FLIGHT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - JAMMED
REMARKS- SWAGED FITTING ON ELEVATOR CABLES BINDING ON STA 63 BULKHEAD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4441	12/18/78 TIME - 1431	CLEVELAND,OH	DEHAVILLAND 114-2X N3FB DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 15 OT- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-O	AIRLINE TRANSPORT, AGE 32, 3311 TOTAL HOURS, 908 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLEVELAND HOPKINS
DEPARTURE POINT: MANSFIELD,OH
INTENDED DESTINATION: CLEVELAND,OH
TYPE OF ACCIDENT: COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS
PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE
REMARKS- GND CONTROLLER CLRD ARPT VEHICLE FM PSN ON ARPT TO TRML AREA.VEHICLE COLLIDED W ACFT ON LNDG ROLL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4452	9/6/78 TIME - 1830	NR.MARIPOSA,CA	PIPER PA-24 N6576P DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 1269 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  PORTERVILLE,CA
INTENDED DESTINATION
  RENO,NV
TYPE OF ACCIDENT
  AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
  AIRFRAME - FLIGHT CONTROL SURFACES AILERON SURFACES,ATTACHMENTS
  MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM
  MISCELLANEOUS ACTS,CONDITIONS - MISSING
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
  WEATHER - RAIN
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  4 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
  VFR
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  RAIN
TYPE OF WEATHER CONDITIONS
  IFR

REMARKS- VFR FLT NOT RCMDD.BALLS MISSING FM BOTH AILERON BRG ASSEMBLIES.LEFT AILERON SEPARATED.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4453	9/4/78 TIME - 2145	AUBURN,CA	PIPER PA-28R N9530K DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 428 TOTAL HOURS, 328 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  AUBURN,CA
INTENDED DESTINATION
  CHICO,CA
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - RAIN
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  IFR
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  RAIN
TEMPERATURE-F
  65
TYPE OF FLIGHT PLAN
  NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4454	12/4/78 TIME - 1450	ANCHORAGE,AK	LEAR JET 25C N77RS DAMAGE-DESTROYED	CR- 2 0 0 PX- 3 2 0	NONCOMMERCIAL CORP/EXEC	PRIVATE, AGE 45, 7000 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ANCHORAGE INTL
DEPARTURE POINT
  JUNEAU,AK
INTENDED DESTINATION
  ANCHORAGE,AK
TYPE OF ACCIDENT
  STALL
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
  WEATHER - UNFAVORABLE WIND CONDITIONS
FACTOR(S)
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON

SKY CONDITION
  BROKEN/LOWER SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  34
WIND VELOCITY-KNOTS
  14
TYPE OF FLIGHT PLAN
  IFR
CEILING AT ACCIDENT SITE
  23000
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES
  160
TYPE OF WEATHER CONDITIONS
  IFR
REMARKS- RWY PEAK GUSTS 31K.SUSPECTED LIGHT ICE ACCUMULATION.

U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 8
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	23	18	48	213			302
COPILOT	1			6			7
DUAL STUDENT	2		1	9			12
CHECK PILOT							
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT							
EXTRA CREW							
PASSENGERS	22	9	46	201			278
TOTAL	48	27	95	429		ABOARD	599
OTHER AIRCRAFT							
OTHER GROUND	1		1	2			4
GRAND TOTAL	49	27	96	431			603

INVOLVES 300 TOTAL ACCIDENTS
INVOLVES 28 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 8
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 300 TOTAL ACCIDENTS

INVOLVES 28 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT				2	1	3	2	1	3
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL					1	1		1	1
BECAME LOST/DISORIENTED				2	1	3	2	1	3
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	4		4	6	1	7	10	1	11
DELAYED ACTION IN ABORTING TAKEOFF				4		4	4		4
DELAYED IN INITIATING GO-AROUND				11		11	11		11
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				1	3	4	1	3	4
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT				1		1	1		1
FAILED TO EXTEND LANDING GEAR				4		4	4		4
FAILED TO RETRACT LANDING GEAR				1		1	1		1
FAILED TO SEE AND AVOID OTHER AIRCRAFT	1		1				1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				12		12	12		12
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	6		6	30		30	36		36
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	1		1	2	1	3	3	1	4
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	1		1	1	1	2	2	1	3
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				10		10	10		10
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				13		13	13		13
IMPROPER OPERATION OF FLIGHT CONTROLS	1		1	7		7	8		8
PREMATURE LIFT OFF				9		9	9		9
IMPROPER LEVEL OFF				20		20	20		20
IMPROPER IFR OPERATION	2		2				2		2
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	2		2	8		8	10		10
IMPROPER COMPENSATION FOR WIND CONDITIONS				7	1	8	7	1	8
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	2	2	4	24	3	27	26	5	31
INADEQUATE SUPERVISION OF FLIGHT	1		1	3		3	4		4
LACK OF FAMILIARITY WITH AIRCRAFT					6	6		6	6
MISMANAGEMENT OF FUEL				13		13	13		13
EXERCISED POOR JUDGMENT		1	1	3		3	3	1	4
SELECTED UNSUITABLE TERRAIN	1		1	29	1	30	30	1	31
IMPROPER STARTING PROCEDURES		1	1					1	1
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				2		2	2		2
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS				2		2	2		2
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	1		1	3		3	4		4
MISJUDGED DISTANCE AND SPEED				16		16	16		16
MISJUDGED DISTANCE				1		1	1		1
MISJUDGED DISTANCE AND ALTITUDE				6		6	6		6
MISJUDGED SPEED AND ALTITUDE				2		2	2		2
MISJUDGED ALTITUDE AND CLEARANCE				4		4	4		4
MISJUDGED ALTITUDE	1		1	2		2	3		3
MISJUDGED CLEARANCE				10		10	10		10
IMPROPER RECOVERY FROM BOUNCED LANDING				11		11	11		11
PHYSICAL IMPAIRMENT	1		1	2		2	3		3
SPATIAL DISORIENTATION	1		1	1		1	2		2
MISUSED OR FAILED TO USE FLAPS				1	1	2	1	1	2
FAILED TO MAINTAIN DIRECTIONAL CONTROL				15		15	15		15
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				5		5	5		5
FAILED TO ABORT TAKEOFF				5		5	5		5
FAILED TO INITIATE GO-AROUND				15		15	15		15
SUBTOTAL	26	4	30	327	21	348	353	25	378
COPILOT									
BECAME LOST/DISORIENTED					1	1		1	1
SUBTOTAL					1	1		1	1
DUAL STUDENT									
IMPROPER OPERATION OF FLIGHT CONTROLS				1		1	1		1
IMPROPER IFR OPERATION	1		1				1		1

MISMANAGEMENT OF FUEL (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
MISMANAGEMENT OF FUEL				1		1	1		1
SPONTANEOUS-IMPROPER ACTION				1		1	1		1
SUBTOTAL	1		1	3		3	4		4
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	1		1	1		1	2		2
IMPROPER MAINTENANCE(OWNER PERSONNEL)	1		1				1		1
IMPROPERLY SERVICED AIRCRAFT(OWNER-PILOT)				1		1	1		1
INADEQUATE MAINTENANCE AND INSPECTION				10		10	10		10
OTHER				1		1	1		1
OPERATIONAL SUPERVISORY PERSONNEL									
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK				1		1	1		1
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	1		1	1		1	2		2
SPECTATOR				1		1	1		1
PASSENGER				1	1	2	1	1	2
DRIVER OF VEHICLE				1		1	1		1
OTHER	1		1		1	1	1	1	2
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	4		4	18	2	20	22	2	24
** AIRFRAME **									
WINGS									
SKIN AND ATTACHMENTS		1	1					1	1
FUSELAGE									
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				3		3	3		3
NORMAL RETRACTION/EXTENSION ASSEMBLY				4		4	4		4
EMERGENCY/EXTENSION ASSEMBLY				1		1	1		1
WHEELS, TIRES, AXLES				2		2	2		2
BRAKING SYSTEM (NORMAL)				2		2	2		2
LANDING GEAR WARNING AND INDICATING COMPONENTS					1	1		1	1
NOSEWHEEL STEERING				1		1	1		1
OTHER				1		1	1		1
FLIGHT CONTROL SURFACES									
ELEVATOR, ASSEMBLY ATTACHMENTS				1		1	1		1
SUBTOTAL		1	1	15	1	16	15	2	17
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
CYLINDER ASSEMBLY				1		1	1		1
VALVE ASSEMBLIES	2		2	1		1	3		3
BLOWER, IMPELLER ASSEMBLY				1		1	1		1
IGNITION SYSTEM									
MAGNETOES				1		1	1		1
SPARK PLUG					1	1		1	1
FUEL SYSTEM									
LINES AND FITTINGS				1		1	1		1
SELECTOR VALVES				1		1	1		1
FILTERS, STRAINERS, SCREENS				1		1	1		1
CARBURETOR				3		3	3		3
PUMPS				1		1	1		1
VENTS, DRAINS, TANK CAPS				1		1	1		1
RAM AIR ASSEMBLY				1		1	1		1
OTHER				2		2	2		2
LUBRICATING SYSTEM									
FILTERS, SCREENS				1		1	1		1
SEALS AND GASKETS				1		1	1		1

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
COOLING SYSTEM									
BAFFLES	1		1				1		1
PROPELLER AND ACCESSORIES									
BLADES				1		1	1		1
GOVERNORS				1		1	1		1
EXHAUST SYSTEM									
MANIFOLDS				1		1	1		1
ENGINE ACCESSORIES									
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				1		1	1		1
POWERPLANT-INSTRUMENTS									
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS				14		14	14		14
DETONATION				1		1	1		1
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	3		3	37	1	38	40	1	41
** SYSTEMS **									
ELECTRICAL SYSTEM									
GENERATORS/ALTERNATORS					1	1		1	1
HYDRAULIC SYSTEM									
RELIEF VALVE				1		1	1		1
FLIGHT CONTROL SYSTEMS									
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM	1		1				1		1
RUDDER AND RUDDER TAB CONTROL SYSTEM				1		1	1		1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	1		1	2	1	3	3	1	4
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
TAIL ROTOR BLADES	1		1				1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
MAIN ROTOR BRAKE ASSEMBLY				1		1	1		1
CLUTCH ASSEMBLY				1		1	1		1
SPRAG SYSTEM				1		1	1		1
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
OTHER	1		1				1		1
SUBTOTAL	2		2	3		3	5		5
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
OTHER				1		1	1		1
AIRPORT CONDITIONS									
WET RUNWAY					7	7		7	7

CAUSE/FACTOR TABLE

AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)

DETAILED CAUSE/FACT...	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
UNMARKED OBSTRUCTIONS					1	1		1	1
SOFT SHOULDERS (RUNWAY)					2	2		2	2
GLASSY WATER					1	1		1	1
HIGH VEGETATION					3	3		3	3
HIDDEN HAZARD					1	1		1	1
POORLY MAINTAINED RUNWAY SURFACE					3	3		3	3
SOFT RUNWAY				1	2	3	1	2	3
OTHER		1	1	1	3	4	1	4	5
AIRWAYS FACILITIES									
SUBTOTAL		1	1	3	23	26	3	24	27
** WEATHER **									
LOW CEILING		6	6		7	7		13	13
RAIN		1	1		5	5		6	6
FOG		4	4		5	5		9	9
SNOW		2	2					2	2
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING					5	5		5	5
UNFAVORABLE WIND CONDITIONS				1	18	19	1	18	19
SUDDEN WINDSHIFT				3	2	5	3	2	5
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS					1	1		1	1
DOWNDRAFTS, UPDRAFTS					7	7		7	7
HIGH DENSITY ALTITUDE		2	2		7	7		9	9
THUNDERSTORM ACTIVITY		1	1					1	1
OTHER					1	1		1	1
SUBTOTAL		16	16	4	58	62	4	74	78
** TERRAIN **									
WET, SOFT GROUND				1	13	14	1	13	14
SNOW-COVERED		1	1		2	2		3	3
ICY					1	1		1	1
HIGH VEGETATION		1	1	1	12	13	1	13	14
HIDDEN OBSTRUCTIONS					4	4		4	4
ROUGH/UNEVEN		1	1		16	16		17	17
ROUGH WATER					3	3		3	3
GLASSY WATER					1	1		1	1
HIGH OBSTRUCTIONS		2	2	2	19	21	2	21	23
SANDY					3	3		3	3
OTHER				1	2	3	1	2	3
SUBTOTAL		5	5	5	76	81	5	81	86
** MISCELLANEOUS **									
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				4		4	4		4
UNDETERMINED	2		2	2		2	4		4
VORTEX TURBULENCE	1		1				1		1
EVASIVE MANEUVER TO AVOID COLLISION				2	1	3	2	1	3
UNQUALIFIED PERSON OPERATED AIRCRAFT				3		3	3		3
SUBTOTAL	3		3	11	1	12	14	1	15
GRAND TOTAL	40	27	67	428	185	613	468	212	680
** MISCELLANEOUS ACTS, CONDITIONS **									
UNAPPROVED MODIFICATION		1	1	1		1	1	1	2
POOR WELD				1		1	1		1
DOWNWIND					4	4		4	4
CARBON DEPOSITS					1	1		1	1
LOOSE, PART/FITTING				3		3	3		3
GROUND RESONANCE				1		1	1		1
BURST				1		1	1		1
COLLAPSED				1		1	1		1
DISCONNECTED				2		2	2		2
ELONGATED				1		1	1		1
EXCESSIVE-WEAR/PLAY					1	1		1	1
IMPROPERLY INSTALLED	1		1	1		1	2		2
JAMMED				1		1	1		1
OBSTRUCTED	1		1	1		1	2		2
SHEARED				1		1	1		1
STUCK				1		1	1		1

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
VIBRATION, EXCESSIVE				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				3	2	5	3	2	5
INTENTIONAL WHEELS UP				1		1	1		1
RAN OFF END OF RUNWAY					9	9		9	9
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				6		6	6		6
CHECKLIST-FAILED TO USE					2	2		2	2
DISREGARD OF GOOD OPERATING PRACTICE				1		1	1		1
IMPROPER EMERGENCY PROCEDURES				1		1	1		1
FEATHERED WRONG ENGINE				1		1	1		1
UNWARRANTED LOW FLYING		2	2	1	2	3	1	4	5
FAILED TO USE ALL AVAILABLE RUNWAY				1		1	1		1
INATTENTIVE TO FUEL SUPPLY				3		3	3		3
FLEW INTO BLIND CANYON	1		1	1		1	2		2
POORLY PLANNED APPROACH					3	3		3	3
MISCALCULATED FUEL CONSUMPTION				3		3	3		3
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT					3	3		3	3
IMPROPERLY SECURED	1		1	1	1	2	2	1	3
ELECTRICAL FAILURE					1	1		1	1
ENGINE LOADED UP					1	1		1	1
FATIGUE FRACTURE	2		2	2		2	4		4
IMPROPER GRADE OIL-LUBRICATING SYSTEM	1		1				1		1
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION				1	2	3	1	2	3
WRONG PART				1		1	1		1
IMPROPER ALIGNMENT/ADJUSTMENT				3		3	3		3
FAILURE OF TWO OR MORE ENGINES				1	3	4	1	3	4
SEPARATION IN FLIGHT		2	2					2	2
FIRE IN ENGINE				1		1	1		1
PILOT FATIGUE					3	3		3	3
FUEL EXHAUSTION				7		7	7		7
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL				2		2	2		2
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	1		1	1		1	2		2
ICE-CARBURETOR				6		6	6		6
AIRFRAME ICE		1	1	1		1	1	1	2
WHITEOUT					1	1		1	1
SUNGLARE				1	2	3	1	2	3
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				3		3	3		3
OIL CONTAMINATION				1		1	1		1
SIMULATED CONDITIONS					4	4		4	4
FUEL SIPHONING				1		1	1		1
WATER IN FUEL				5		5	5		5
AIRCRAFT CAME TO REST IN WATER		2	2		13	13		15	15
MISSING				2		2	2		2
TOUCH AND GO LANDING					6	6		6	6
HYDROPLANING ON WET RUNWAY					1	1		1	1
OVERLOAD FAILURE	1		1	1	24	25	2	24	26
MATERIAL FAILURE	1		1	17	1	18	18	1	19
FUEL STARVATION				12		12	12		12
FUEL SELECTOR POSITIONED BETWEEN TANKS				1		1	1		1

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2101	N6531P	090179	NINTERCOASTAL,LA	CESSNA	T210P	FATAL
3 2102	N3860A	090879	MCKINNEY,TX	SCHWEIZER	SGS126	MINOR
3 2103	N4739B	100179	GAINESVILLE,TX	CESSNA	152	FATAL
3 2104	N280C	090879	LAGRANGE,TX	BELL	206B	NONE
3 2105	N2540	050579	FRIENDSWOOD,TX	ENSTROM	F-28A	NONE
3 2106	N1035N	052779	NKARLUK,AK	PIPER	J-5C	FATAL
3 2107	N9751G	060879	ANCHORAGE,AK	CESSNA	180	NONE
3 2108	N3542Z	092479	NHAINES,AK	PIPER	PA-22	MINOR
3 2109	N4074	032979	KING COVE,AK	PIPER	PA-32	NONE
3 2110	N846VK	051379	EMMONGUK,AK	ROCKWELL IN	500	NONE
3 2111	N851TB	012879	NANAKTUVUK PASS,AK	DEHAVILLAND	DHC-6	NONE
3 2112	N8324	012179	GALENA,AK	PIPER	PA-18	NONE
3 2113	N7853H	080979	NGULKANA,AK	PIPER	PA-12	MINOR
3 2114	N5384A	030279	GALESBURG,IL	CESSNA	310B	FATAL
3 2115	N10734	093079	NCASS,AR	CESSNA	150L	NONE
3 2116	N5639T	030379	FRONT ROYAL,VA	CESSNA	172	NONE
3 2117	N6434C	052079	NJUNEAU,AK	AERONCA	7BCM	FATAL
3 2118	N83640	081579	NILIAMNA,AK	CESSNA	U206F	MINOR
3 2119	N70279	071379	HALIBUT COVE,AK	CESSNA	A185F	NONE
3 2120	N86932	092079	OLD HARBOR,AK	BELLANCA	8GCBC	NONE
3 2121	N82913	011079	NEUREKA LODGE,AK	PIPER	PA-18	FATAL
3 2122	N180MM	061579	KOLIGANEK,AK	CESSNA	180J	NONE
3 2123	N4695E	092879	NBETHEK,AK	CESSNA	185	NONE

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2124	N6581F	060179	NLONG MESA,AZ	PIPER	PA-32R	NONE
3 2125	N79020	062279	SCOTTSDALE,AZ	CESSNA	401B	NONE
3 2126	N3586	070879	NMESA,AZ	PIETENPOL	AIRCAM	FATAL
3 2127	N14560	072479	NYUMA,AZ	CESSNA	150	MINOR
3 2128	N3676D	081179	PRESCOTT,AZ	CESSNA	310	NONE
3 2129	N4664C	081679	PHOENIX,AZ	CESSNA	170B	NONE
3 2130	N7797S	090479	CASA GRANDE,AZ	SCHWEIZER	1-26	MINOR
3 2131	N4742Y	051179	NSHARON,OK	PIPER	PA-25	NONE
3 2132	N9580P	080679	BOISE CITY,OK	PIPER	PA-25	NONE
3 2133	N47053	062379	LAWTON,OK	CESSNA	152	NONE
3 2134	N7049W	091379	TAHLEQUAH,OK	PIPER	PA-28	NONE
3 2135	N86395	061679	NGRAHAM,TX	CESSNA	337D	NONE
3 2136	N3036P	082179	ADDISON,TX	PIPER	PA-23	NONE
3 2137	N84296	090279	N RICHLAND HLS,TX	AERONCA	7AC	NONE
3 2138	N26302	081179	NBRENHAM,TX	GRUM-AMER	AA-5A	NONE
3 2139	N68333	060579	KELLER,TX	CESSNA	152	NONE
3 2140	N40408	062979	NMIAMI,TX	MARTIN	404	SERIOUS
3 2141	N8138F	081479	DALLAS,TX	CESSNA	402	NONE
3 2142	N6653K	040479	VERNON,TX	GRUMMAN	G-164	NONE
3 2143	N4940	082479	HALE CENTER,TX	GRUMMAN	G-164A	MINOR
3 2144	N8064D	041379	ELIASVILLE,TX	PIPER	PA-22	SERIOUS
3 2145	N25730	081779	SPRINGTOWN,TX	PIPER	PA-38	NONE
3 2146	N3030S	091279	BATON ROUGE,LA	PIPER	PA-28	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2147	N114CK	022479	NMOOSE,WY	CESSNA	206	FATAL
3 2148	N5419M	071979	NANTUCKET,MA	CESSNA	402	NONE
3 2149	N50548	081879	PLYMOUTH,MA	BELLANCA	8GCBC	NONE
3 2150	N10796	073079	NORTH ANDOVER,MA	CESSNA	150	NONE
3 2151	N5344F	032179	NHOMESTEAD,FL	PIPER	PA-28	FATAL
3 2152	N20613	090979	KEENE,NH	CESSNA	172	NONE
3 2153	N8602Y	073179	GROTON,CT	PIPER	PA-30	FATAL
3 2154	N41413	091279	NCASHIERS,NC	PIPER	PA-28	FATAL
3 2155	N62664	080579	NEWPORT,RI	PIPER	PA-23	NONE
3 2156	N3279A	072879	NKOTZEBUE,AK	CESSNA	170B	NONE
3 2157	N6758V	051279	SELDOVIA,AK	MOONEY	M20C	NONE
3 2158	N9232P	082479	NWELLSVILLE,NY	PIPER	PA-24	NONE
3 2159	N6047C	081579	NEW PALTZ,NY	BEECH	B23	NONE
3 2160	N64255	090179	ALEXANDRIA BAY,NY	CESSNA	172	NONE
3 2161	N78FP	080879	SHIRLEY,NY	FLYBABY	1B	NONE
3 2162	N60045	072979	MATTITUCK,NY	BEECH	C23	MINOR
3 2163	N9838P	080679	SCHUYLERVILLE,NY	PIPER	PA-25	NONE
3 2164	N5980R	090279	SHINHOPPLE,NY	CESSNA	172	NONE
3 2165	N5035Y	070879	FLUSHING,NY	PIPER	PA-23	NONE
3 2165	N52033	070879	FLUSHING,NY	N-AMERICAN	SNJ-2	NONE
3 2166	N5767Y	100479	JAMAICA,NY	PIPER	PA-23	NONE
3 2167	N2748B	072179	PAVILION,NY	AERO COMDR	560A	FATAL
3 2168	N453LT	050679	MONSEY,NY	PIPER	PA-28R	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2169	N8017J	091479	PHILADELPHIA,PA	PIPER	PA-23	NONE
3 2170	N1543Y	080279	GERMANSVILLE,PA	CESSNA	172	NONE
3 2171	N2033P	082879	CONNELLSVILLE,PA	PIPER	PA-23	NONE
3 2172	N2559V	073179	JOHNSTOWN,PA	CESSNA	177RG	NONE
3 2173	N7746A	082979	ERIE,PA	CESSNA	180	NONE
3 2174	N19138	071779	ZELIENOPLE,PA	CESSNA	150	NONE
3 2175	N5689R	090379	BRECKNOCK,PA	CESSNA	172F	NONE
3 2176	N77324	070579	TETERBORO,NJ	PIPER	PA-30	NONE
3 2177	N9902A	081979	SUSSEX,NJ	CESSNA	170A	SERIOUS
3 2178	N9843V	072979	OCEAN CITY,NJ	CESSNA	172	MINOR
3 2179	N53694	032179	LUMBERTON,NJ	CESSNA	337G	NONE
3 2180	N6443G	061579	CEDARVILLE,NJ	CESSNA	A188B	MINOR
3 2181	N738YD	061279	WOODLINE,NJ	CESSNA	172N	NONE
3 2182	N4537W	090879	PITTSTOWN,NJ	AERO CMDR	112TC	NONE
3 2183	N5349V	061379	NMONTROSE,CO	HILLER	UH-12L	NONE
3 2184	N9490M	020379	NBOULDER,CO	CESSNA	T210	FATAL
3 2185	N4862F	080479	FT COLLINS,CO	CESSNA	TU206	NONE
3 2186	N3248X	072679	ANADARKO,OK	CESSNA	150G	NONE
3 2187	N66860	051679	FT,COBB,OK	GRUMMAN	G-164B	NONE
3 2188	N3678Y	033079	SEILING,OK	CESSNA	210C	NONE
3 2189	N868BJ	022679	NBRIGHAM CITY,UT	CESSNA	T206	FATAL
3 2190	N7098R	052779	NMOAB,UT	PIPER	PA-28	FATAL
3 2191	N90171	080879	NINTRACSTL CITY,LA	BELL	206B	MINOP

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2192	N6890K	083079	NMONTEREY,LA	GRUMMAN	G-164B	NONE
3 2193	N63804	091379	SHREVEPORT,LA	BOEING	PT-17	NONE
3 2194	N7759Z	090679	WHITE CASTLE,LA	PIPER	PA-25	MINOR
3 2195	N63342	080979	NEW ROADS,LA	CESSNA	150	NONE
3 2196	N7253C	062679	NHUMBLE CITY,NM	LOCKHEED	PV-2	NONE
3 2197	N6309C	041279	NCARRIZOZO,NM	PIPER	PA-32	FATAL
3 2198	N1695E	071479	ALBUQUERQUE,NM	CESSNA	172	FATAL
3 2198	N4408N	071479	ALBUQUERQUE,NM	STEARMAN	N2S	FATAL
3 2199	N3337A	083179	HARRISBURG,AR	PIPER	PA-22	MINOR
3 2200	N3703F	090879	ALPIN,AR	GREAT LAKES	2T-1A	MINOR
3 2201	N8474V	090679	NWILMONT,AR	ROCKWELL IN	S-2R	NONE
3 2202	N7233K	091879	STEVENSVILLE,MD	PIPER	PA-18	NONE
3 2203	N9482F	091779	GAITHERSBURG,MD	HUGHES	269B	NONE
3 2204	N5347C	062979	NJOHNSON,VT	CESSNA	140A	NONE
3 2205	N6570V	080879	PANTON,VT	BELLANCA	17-30	MINOR
3 2206	N2570N	061479	NBURLINGTON,VT	CESSNA	140	MINOR
3 2207	N64816	073079	POULTNEY,VT	BELL	47G	NONE
3 2208	N89327	092079	NLURAY,VA	CESSNA	140	NONE
3 2209	N7747M	090279	TROUTDALE,VA	MOONEY	M-20F	FATAL
3 2210	N2517D	091479	KELLER,TX	PIPER	PA-38	NONE
3 2211	N9820K	091879	FORT WORTH,TX	PIPER	PA-28R	MINOR
3 2212	N4412S	061379	ELSA,TX	AIR TRACTOR	AT-301	FATAL
3 2213	N47775	080479	LITTLEFIELD,TX	TERN	II	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2214	N3896E	090879	NPLAINVIEW,TX	PIPER	PA-36	NONE
3 2215	N66150	052379	NLA FERIA,TX	GRUMMAN	G-164B	MINOR
3 2216	N39066	063079	RICHLAND HILLS,TX	GRUM AMER	AA-1C	MINOR
3 2217	N46320	070479	KELLER,TX	CESSNA	172M	MINOR
3 2218	N12736	091079	GREENVILLE,ME	CESSNA	172	NONE
3 2219	N3194Z	072379	SPRUCE HEAD,ME	PIPER	PA-18	NONE
3 2220	N3138N	072079	KENTS HILL,ME	CESSNA	120	NONE
3 2221	N2715K	080179	NGREENVILLE,ME	CESSNA	180	MINOR
3 2222	N99249	070979	TURNER,ME	ERCO	415-C	NONE
3 2223	N4399A	071479	SHENLEY,PA	PIPER	PA-18S	FATAL
3 2224	N5964V	030479	PALMERTON,PA	PIPER	PA-28R	FATAL
3 2225	N4342T	070379	VINALHAVEN,VT	PIPER	PA-28	NONE
3 2226	N9338U	081879	ELIOT,ME	CESSNA	150	NONE
3 2227	N1182	080479	MARS HILL,ME	BENSON	B8MVW	MINOR
3 2228	N5554S	081579	SHELBYVILLE,IN	RAVEN	RX-7	MINOR
3 2229	N1684C	072379	CRAIGVILLE,IN	CESSNA	180	MINOR
3 2230	N1981T	081279	CROWN POINT,IN	PIPER	PA-28	NONE
3 2231	N46202	052179	MARTINSVILLE,IN	CESSNA	172	MINOR
3 2232	N51847	072079	SOLITUDE,IN	TEXAS HELI	OH-13	FATAL
3 2233	N5230R	083079	DELPHI,IN	CESSNA	172	NONE
3 2234	N3108T	083079	INDIANAPOLIS,IN	CESSNA	177	NONE
3 2235	N6155H	080579	INDIANAPOLIS,IN	PIPER	PA-28	NONE
3 2236	N1364K	071579	BROWNSBURG,IN	LUSCOMBE	8A	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2237	N2088M	082479	EVANSVILLE,IN	PIPER	PA-28	NONE
3 2238	N714MC	081279	RICHMOND,IN	CESSNA	150M	NONE
3 2239	N2381	052679	GARRETT,IL	LUSCOMB	8A	FATAL
3 2240	N3975B	073179	ERIE,IL	BOEING	E-75N1	MINOR
3 2241	N26540	080279	WEST CHICAGO,IL	PIPER	PA-32R	MINOR
3 2242	N68988	091379	GALESBURG,IL	CESSNA	152	NONE
3 2243	N4306E	092379	MT STERLING,IL	PIPER	PA-38	NONE
3 2244	N11210	060279	WEST CHICAGO,IL	CESSNA	310H	NONE
3 2245	N2388T	091879	JERSEYVILLE,IL	PIPER	PA-38	NONE
3 2246	N94510	092179	SCHAUMBURG,IL	BEECH	A36	NONE
3 2247	N9228A	062679	PRINCETON,IL	BOWERS	DSA1	SERIOUS
3 2248	N69119	072279	MACOMB,IL	SMITH	BGL	FATAL
3 2249	N67BB	090879	PLAINFIELD,IL	BROWN	V-EZE	SERIOUS
3 2250	N110RL	092779	PERU,IL	CESSNA	337	NONE
3 2251	N30LB	041279	LANSING,IL	BEECH	58	NONE
3 2252	N3648C	031179	CRYSTAL LAKE,IL	CESSNA	182RG	NONE
3 2253	N6703K	041879	SANDOVAL,IL	GRUMMAN	G-164B	NONE
3 2254	N733LT	071979	JERSEYVILLE,IL	CESSNA	172N	NONE
3 2255	N105EB	080379	CHAMPAIGN,IL	PIPER	PA-23	NONE
3 2256	N277F	070379	STAR PRAIRIE,WI	BEECH	E33C	NONE
3 2257	N22RG	082679	RACINE,WI	MUSTANG	II	NONE
3 2258	N66602	062579	PEWAUKEE,WI	CESSNA	152	NONE
3 2259	N86670	080879	FOND DU LAC,WI	STARDUSTER	SA-100	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2260	N734AD	071579	MILWAUKEE,WI	CESSNA	172N	MINOR
3 2261	N147	050879	COTTAGE GROVE,WI	EAA BIPLANE	P2	SERIOUS
3 2262	N5780V	071579	DODGEVILLE,WI	BEECH	A23	NONE
3 2263	N5325B	072179	BRISTOL,WI	CESSNA	182	MINOR
3 2264	N41MA	041679	BURLINGTON,WI	ANDERSON	TENT 2	NONE
3 2265	N4839H	071579	SOUTH BYRON,WI	PIPER	PA-17	MINOR
3 2266	N5431M	100879	BIG BEND,WI	BEECH	19	NONE
3 2267	N13130	071879	MIAMITOWN,OH	WARMICK	BAT W3	FATAL
3 2268	N75132	080579	DANVILLE,OH	PIPER	PA-28	SERIOUS
3 2269	N1891N	081779	FREDERICKTOWN,OH	CESSMA	120	MINOR
3 2270	N5270W	071179	MILAN,OH	PIPER	PA-28	SERIOUS
3 2271	N930JM	091379	SANDUSKY,OH	PIPER	PA-31	NONE
3 2272	N2457G	090779	CHESTERVILLE,OH	PIPER	PA-38	NONE
3 2273	N9200U	090979	RICHMOND HTS,OH	CESSNA	150	NONE
3 2274	N7351D	080579	KIRBY,OH	PIPER	PA-22	NONE
3 2275	N64490	100779	MAGNOLIA,OH	MOONEY	M20F	MINOR
3 2276	N8550	101779	PIQUA,OH	MITSUBISHI	MU-2B	NONE
3 2277	N79516	061779	YOUNGSTOWN,OH	CESSNA	172K	NONE
3 2278	N7575	060379	CARROLLTON,OH	BELL	47G-2A	SERIOUS
3 2279	N777AM	062479	BUCYRUS,OH	CESSNA	210J	MINOR
3 2280	N30409	080779	SANDUSKY,OH	CESSNA	177	NONE
3 2281	N4016W	081079	PORT CLINTON,OH	PIPER	PA-32	MINOR
3 2282	N136C	071179	DAYTON,OH	BEECH	E-18S	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2283	N1977M	061579	BROOKPARK,OH	CESSNA	182P	NONE
3 2284	N7WW	101479	SALEM,OH	WALTON	JD1	MINOR
3 2285	N1800G	090879	NTANANA,AK	BELLANCA	7GCBC	NONE
3 2286	N5087Y	090579	NEIELSON AFB,AK	PIPER	PA-18	NONE
3 2287	N25800	090179	DETROIT,MI	CESSNA	152	NONE
3 2288	N4883	062479	ALBION,MI	ENSTROM	F-28A	NONE
3 2289	N3939D	081279	TECUMSEH,MI	CESSNA	182	NONE
3 2290	N3712N	090379	DETROIT,MI	BEECH	35	NONE
3 2291	N9287U	080779	NEW HUDSON,MI	CESSNA	150M	NONE
3 2292	N8824D	090179	SELKIRK,MI	PIPER	PA-22	NONE
3 2293	N9177E	081279	OWOSSO,MI	MAULE	M-5	SERIOUS
3 2294	N9034F	082079	GROSSE ILE,MI	HUGHES	369H5	NONE
3 2295	N4750U	090879	DEXTER,MI	CESSNA	180	NONE
3 2296	N54425	090279	HUDSON,MI	PIPER	PA-28R	NONE
3 2297	N85188	090479	DEFORD,MI	AERONCA	7AC	NONE
3 2298	N6737	083079	STANTON,MI	SIKORSKY	S-55B	MINOR
3 2299	N9942L	082679	HARRISVILLE,MI	GRUMMAN	AA1B	NONE
3 2300	N7774F	070679	MILWAUKEE,WI	CESSNA	150	NONE
3 2301	N6145J	081679	HARBOR SPRINGS,MI	PIPER	PA-32R	NONE
3 2302	N2150H	100979	CHEBOYGAN,MI	ERCO	415-C	NONE
3 2303	N4737A	082379	NFAREWELL,AK	PIPER	PA-18	NONE
3 2304	N57652	090379	EUREKA,AK	BELLANCA	7GCBC	NONE
3 2305	N5499T	072179	NSOLDOTNA,AK	PIPER	PA-32	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2306	N756YN	071679	NBARROW,AK	CESSNA	206	NONE
3 2307	N87822	082879	SHRODE LAKE,AK	PIPER	J-3	MINOR
3 2308	N3448Y	082579	NVALDEZ,AK	CESSNA	180H	NONE
3 2309	N2233T	070779	SOLDOTNA,AK	CESSNA	185E	NONE
3 2310	N6993B	092279	NFAIRBANKS,AK	PIPER	PA-18	MINOR
3 2311	N9213Y	083079	NHOMER,AK	PIPER	PA-18	NONE
3 2312	N5885D	050779	NUNALAKLEET,AK	PIPER	PA-18	NONE
3 2313	N3856Z	062379	CARIBOU CREEK,AK	PIPER	PA-18	NONE
3 2314	N4121N	082379	NFT.YUKON,AK	PIPER	PA-12	NONE
3 2315	N1805C	071379	NKOBUK,AK	CESSNA	170B	NONE
3 2316	N1717U	032979	NSHAGELUK,AK	CESSNA	207	MINOR
3 2317	N249T	080179	NKENAI,AK	PIPER	PA-18	NONE
3 2318	N52175	071979	QUAIL CREEK,AK	CESSNA	180J	NONE
3 2319	N2698Z	062979	NANCHORAGE,AK	BELLANCA	7GCBC	NONE
3 2320	N2306M	090779	NGLENALLEN,AK	PIPER	PA-12	NONE
3 2321	N5028H	072879	NFAIRBANKS,AK	PIPER	PA-11	MINOR
3 2322	N4307A	081979	NGULKANA,AK	PIPER	PA-18	NONE
3 2323	N123LR	081379	NMCGRATH,AK	CESSNA	185	NONE
3 2324	N70048	081679	SHELDONS POINT,AK	CESSNA	185	NONE
3 2325	N3428C	090379	CANTWELL,AK	CESSNA	170B	NONE
3 2326	N7735H	042979	ILIAMNA,AK	PIPER	PA-12	NONE
3 2327	N8856C	090179	NANCHORAGE,AK	PIPER	PA-18	NONE
3 2328	N42372	090379	ANCHORAGE,AK	CESSNA	180J	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2329	N8567D	082479	NCANTWELL,AK	PIPER	PA-18	NONE
3 2330	N1089A	083079	NDILLINGHAM,AK	PIPER	PA-18	NONE
3 2331	N9130D	082779	NVALDEZ,AK	PIPER	PA-18	MINOR
3 2332	N1594E	092479	NFAIRBANKS,AK	AERONCA	7AC	NONE
3 2333	N9111M	071279	NPALMER,AK	CESSNA	U206	NONE
3 2334	N7339G	072979	PURKEYPILE,AK	CESSNA	172	MINOR
3 2335	N9272D	090179	NANCHORAGE,AK	PIPER	PA-18A	MINOR
3 2336	N4563B	082679	NTYONEK,AK	CESSNA	180	MINOR
3 2337	N2183U	081379	NWASILLA,AK	BRANTLY	B-2B	NONE
3 2338	N1180H	073179	FAIRBANKS,AK	BELLANCA	15AC	NONE
3 2339	N5154G	081279	NMCGRATH,AK	DEHAVILLAND	DHC-2	NONE
3 2340	N60420	060279	ENGLISH BAY,AK	PIPER	PA-18	NONE
3 2341	N63336	031079	NPALMER,AK	CESSNA	180	NONE
3 2342	N5425Y	032879	CHICKEN,AK	PIPER	PA-18	NONE
3 2343	N3561C	070479	GLENNALLEN,AK	CESSNA	170B	NONE
3 2344	N4479Z	042779	KOTZEBUE,AK	PIPER	PA-18	NONE
3 2345	N1827J	072079	NILIAMNA,AK	PIPER	PA-28	MINOR
3 2346	N3433C	041579	MONTAGUE IS,AK	CESSNA	170B	NONE
3 2347	N79435	031079	NWASILLA,AK	CESSNA	172K	SERIOUS
3 2348	N1770R	071779	PORT ALLSWORTH,AK	CESSNA	185F	NONE
3 2349	N7370M	061879	TOK JUNCTION,AK	CESSNA	172	NONE
3 2350	N5724C	072779	BETHEL,AK	CESSNA	170A	NONE
3 2351	N5227G	082979	ILIAMNA,AK	CESSNA	305A	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2352	N4452Z	073079	DILLINGHAM,AK	PIPER	PA-18	NONE
3 2353	N233A	070279	TALKEETNA,AK	BEECH	K35	NONE
3 2354	N4741T	072179	ANCHORAGE,AK	MAULE	M4-210	NONE
3 2355	N50296	071679	NFAIRBANKS,AK	CESSNA	150H	NONE
3 2356	N4033Y	080879	NARCTIC VILLAGE,AK	CESSNA	185	SERIOUS
3 2357	N2163V	061879	NTOK,AK	CESSNA	140	SERIOUS
3 2358	N44NM	072979	NANCHORAGE,AK	CESSNA	150J	MINOR
3 2359	N4264V	032579	BIRCHWOOD,AK	CESSNA	170	NONE
3 2360	N8143D	090179	NEUREKA,AK	PIPER	PA-22S	NONE
3 2361	N67091	092179	GOLD CREEK,AK	DEHAVILLAND	DHC-2	NONE
3 2362	N3694Z	082279	NTALKEETNA,AK	PIPER	PA-18	SERIOUS
3 2363	N4206V	071779	NINILCHIK,AK	CESSNA	170	NONE
3 2364	N9535A	072679	NPALMER,AK	CESSNA	170A	MINOR
3 2365	N4912	100179	NSPARREVOHN,AK	PILATUS	PC-6	NONE
3 2366	N738XG	092079	LACE RVR,AK	CESSNA	172	NONE
3 2367	N1511C	071279	NBETTLES,AK	CESSNA	180	NONE
3 2368	N48148	071279	NARCTIC VILLAGE,AK	DEHAVILLAND	DHC-3	NONE
3 2369	N8795C	100179	POST LAKE,AK	PIPER	PA-22	NONE
3 2370	N5074R	100979	E TIMBALIER IS,LA	CESSNA	185F	NONE
3 2371	N7756Z	072779	HOLLIS,OK	PIPER	PA-25	NONE
3 2372	N83838	101979	KENNEDALE,TX	AERONCA	7AC	MINOR
3 2373	N2116F	090979	AUSTIN,TX	PIPER	PA-28	NONE
3 2374	N2411W	081279	MONTEVALLO,AL	SCHEWIZER	SGU222	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2375	N9155J	072479	NMAYAGUEZ,PR	PIPER	PA-28	NONE
3 2376	N46758	082779	CAMDEN,OH	CESSNA	152	NONE
3 2377	N5186T	092979	CLEARWATER,ID	BELLANCA	7GCAA	SERIOUS
3 2378	N1909M	091979	NBANCROFT,ID	CESSNA	182	NONE
3 2379	N58BD	083079	REXBURG,ID	CESSNA	R172K	NONE
3 2380	N73HK	081879	NFORNEY,ID	CESSNA	T210	NONE
3 2381	N8489T	100279	NLEWISTON,ID	CESSNA	182C	FATAL
3 2382	N8853F	092979	TRENTON,SC	HUGHES	269A	MINOR
3 2383	N4508Y	081779	GREELEYVILLE,SC	PIPER	PA-18	NONE
3 2384	N9SL	091479	RENO,NV	SCHULTZ	SL-1	FATAL
3 2385	N97521	032779	NJOHNS ISLAND,SC	SCORPION	TOO	FATAL
3 2386	N562H	083179	DUCKWATER,NV	ENSTROM	280C	NONE
3 2387	N28JF	071779	PLAINFIELD,IL	FRILING	VARIEZ	NONE
3 2388	N5198W	091679	BLUFFTON,IN	PIPER	PA-28	MINOR
3 2389	N5484L	051979	HARVARD,IL	GRUMMAN	AA5	NONE
3 2390	N5JR	042779	CHICAGO,IL	BEECH	65-A90	MINOR
3 2391	N86632	100279	BELZONI,MS	BELLANCA	7GCAA	NONE
3 2392	N1586M	082079	NWATER VALLEY,MS	CESSNA	188	NONE
3 2393	N731VL	082879	NNITTA YUMA,MS	CESSNA	A188B	MINOR
3 2394	N20456	071979	MARIANNA,FL	CESSNA	172	SERIOUS
3 2395	N76LA	062379	NHOMESTEAD,FL	BEECH	18	NONE
3 2396	N46426	060479	MARATHON,FL	CESSNA	152	NONE
3 2397	N3095B	082579	KISSIMMEE,FL	CESSNA	195	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2398	N757DW	072079	NOPA LOCKA,FL	CESSNA	152	NONE
3 2399	N53753	082479	ORMOND BEACH,FL	BELLANCA	7GCBC	SERIOUS
3 2400	N72433	092879	TALLAHASSEE,FL	CESSNA	120	NONE

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS

PRINTED IN STATE AND DATE ORDER

U. S. GENERAL AVIATION

ISSUE NO. 8

1979

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FILE     DATE          LOCATION             AIRCRAFT DATA        INJURIES     FLIGHT                              PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2374  8/12/79    MONTEVALLO,AL          SCHEWIZER SGU222     CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 38, 135
        TIME - 1630                       N2411W               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 10 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - FLYING-X
        DEPARTURE POINT                 INTENDED DESTINATION
          MONTEVALLO,AL                   RETURN
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          UNDERSHOOT                                                LANDING  FINAL APPROACH
          COLLIDED WITH  TREES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH


3-2121  1/10/79  NR.EUREKA LODGE,AK     PIPER PA-18          CR-  1  0  0  MISCELLANEOUS                PRIVATE, AGE 37, UNK/NR
        TIME - UNK/NR                     N82913               PX-  0  0  0  HUNTING                      TOTAL HOURS, UNK/NR IN
                                          DAMAGE-DESTROYED                                                TYPE, NOT INSTRUMENT
                                                                                                          RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         UNKNOWN/NOT REPORTED            UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          UNDETERMINED                                              UNKNOWN/NOT REPORTED

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        MISSING AIRCRAFT - LATER RECOVERED
        REMARKS- ACCIDENT DATE PRESUMED.RECOVERED 10/3/79.
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FILE    DATE          LOCATION           AIRCRAFT DATA          INJURIES     FLIGHT                       PILOT DATA
                                                                F  S M/N     PURPOSE

3-2112  1/21/79     GALENA,AK            PIPER PA-18            CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 29, 2283
        TIME - 1030                      N8324                  PX-  0  0  1  AIR TAXI-PASSG              TOTAL HOURS, 353 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          LAST CHANCE, AK                GALENA, AK
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                        LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  CARBURETOR
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- CARB MIXTURE CONTROL WIRE BROKEN,MIXTURE WENT TO IDLE CUTOFF POSITION.


3-2111  1/28/79  NR.ANAKTUVUK PASS,AK  DEHAVILLAND DHC-6    CR-  0  0  2  COMMERCIAL                  COMMERCIAL, AGE 50, 14650
        TIME - 1500                      N851TB                 PX-  0  0  0  AIR TAXI-CARGO              TOTAL HOURS, 5000 IN
                                          DAMAGE-SUBSTANTIAL                                              TYPE, INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION          LAST ENROUTE STOP
          BARROW,AK                      ANAKTUVUK PASS,AK             UMIAT,AK
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                     IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          COPILOT - BECAME LOST/DISORIENTED
          MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
          MISCELLANEOUS ACTS,CONDITIONS - WHITEOUT
        REMARKS- COLLIDED WITH MOUNTAIN PEAK,CLIMBING OUT OF WHITEOUT CONDS,CREW FLEW 12 OUT OF LAST 24HRS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2341	3/10/79 TIME - 1230	NR.PALMER.AK	CESSNA 180 N63336 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 597 TOTAL HOURS, 375 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
EUREKA.AK
INTENDED DESTINATION
PALMER.AK
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS.CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS.CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - HIDDEN OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
8000
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
30
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- MAIN GEAR HIT HOLE (PARTIALLY HIDDEN BY SNOW) DRG FORCED LNDG ON SAND BAR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2347	3/10/79 TIME - 1600	NR.WASILLA.AK	CESSNA 172K N79435 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 67 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ANCHORAGE.AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
MISCELLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING
REMARKS- COLLIDED W PWR LINE WHILE FLW HWY.

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FILE    DATE            LOCATION            AIRCRAFT DATA          INJURIES       FLIGHT                            PILOT DATA
                                                                   F  S M/N       PURPOSE

3-2359  3/25/79    BIRCHWOOD,AK          CESSNA 170           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 33, 2690
        TIME - 1300                       N4264V               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 16 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BIRCHWOOD
        DEPARTURE POINT               INTENDED DESTINATION         LAST ENROUTE STOP
          SIX MILE LAKE,AK              WASILLA,AK                   BIRCHWOOD,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                   LANDING  ROLL
          COLLIDED WITH  SNOWBANK                                    LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL


3-2342  3/28/79    CHICKEN,AK            PIPER PA-18          CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 41, 2449
        TIME - 1230                       N5425Y               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 408 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CHICKEN
        DEPARTURE POINT               INTENDED DESTINATION         LAST ENROUTE STOP
          TOK,AK                        EAGLE,AK                     CHICKEN,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              TAKEOFF  INITIAL CLIMB
          COLLISION WITH GROUND/WATER  CONTROLLED                    TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2316  3/29/79  NR.SHAGELUK,AK          CESSNA 207           CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 41, 11080
        TIME - UNK/NR                     N1717U               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 2200 IN
                                          DAMAGE-SUBSTANTIAL                                              TYPE, NOT INSTRUMENT
                                                                                                          RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          MCGRATH,AK                    ANIAK,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                    LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          TERRAIN - SNOW-COVERED
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- PLT STATED-USE EXTRA FUEL TO AVOID SW & ENG STOPPED AFTER SWTCHG TNKS.TRRN-SMALL TREE & SNW CRST.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2109	3/29/79 TIME - 1630	KING COVE,AK	PIPER PA-32 N4074 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 33, 2788 TOTAL HOURS, 664 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KING COVE
DEPARTURE POINT
  COLD BAY,AK
INTENDED DESTINATION
  COLD BAY,AK
LAST ENROUTE STOP
  CAPE SARACHEF,AK
TYPE OF ACCIDENT
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  WEATHER - LOW CEILING
  WEATHER - RAIN
  WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
  ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  300
VISIBILITY AT ACCIDENT SITE
  1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TEMPERATURE-F
  40
WIND DIRECTION-DEGREES
  150
WIND VELOCITY-KNOTS
  15
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2346	4/15/79 TIME - 1430	MONTAGUE IS,AK	CESSNA 170B N3433C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 165 TOTAL HOURS, 95 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  BIRCHWOOD,AK
INTENDED DESTINATION
  MONTAGUE IS,AK
TYPE OF ACCIDENT
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
  TERRAIN - SANDY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2344	4/27/79 TIME - 0700	KOTZEBUE,AK	PIPER PA-18 N44797 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 20, 560 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RALPH WIEN

DEPARTURE POINT: KOTZEBUE,AK
INTENDED DESTINATION: LOCAL

TYPE OF ACCIDENT
- GROUND-WATER LOOP-SWERVE
- COLLIDED WITH PARKED AIRCRAFT

PHASE OF OPERATION
- TAKEOFF ABORTED
- TAKEOFF ABORTED

PROBABLE CAUSE(S)
- PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
- PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND

FACTOR(S)
- WEATHER - UNFAVORABLE WIND CONDITIONS
- MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 1200
VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)	PRECIPITATION AT ACCIDENT SITE NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	RELATIVE BEARING OF WIND TAIL WIND 158-202 DEGREES
WIND DIRECTION-DEGREES 170	WIND VELOCITY-KNOTS 26
TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE

REMARKS- HIT C-150,N19479,SUBST DMG,WIND GUSTING 34K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2326	4/29/79 TIME - 1554	ILIAMNA,AK	PIPER PA-12 N7735H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 1100 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ILIAMNA
DEPARTURE POINT
ILIAMNA,AK
INTENDED DESTINATION
SELDOVIA,AK.
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH RUNWAY OR APPROACH LIGHTS
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
43
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
VFR

CEILING AT ACCIDENT SITE
1200
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES
120
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2312	5/7/79 TIME - 1530	NR.UNALAKLEET,AK	PIPER PA-18 N5885D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS HUNTING	PRIVATE, AGE 32, 1200 TOTAL HOURS, 850 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
UNGALIK RVR BEND,AK
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
TERRAIN - SNOW-COVERED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- CHAMOIS PARTICLE FOUND IN FUEL FILTER.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                               F  S M/N    PURPOSE

3-2157  5/12/79    SELDOVIA,AK          MOONEY M20C          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 39, 1323
        TIME - 1000                     N6758V               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 1100 IN
                                        DAMAGE-SUBSTANTIAL                                               TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - SELDOVIA
        DEPARTURE POINT              INTENDED DESTINATION
          SEWARD,AK                    SELDOVIA,AK
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE


3-2110  5/13/79    EMMONGUK,AK          ROCKWELL IN 500      CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 34, 8000
        TIME - 1011                     N846VK               PX-  0  0  3  AIR TAXI-PASSG                TOTAL HOURS, 610 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - EMMONAK
        DEPARTURE POINT              INTENDED DESTINATION
          NOME,AK                      EMMONGUK,AK
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT RUNWAY
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- AIRPORT IS UNATTENDED


3-2117  5/20/79  NR.JUNEAU,AK           AERONCA 7BCM         CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 55, UNK/NR
        TIME - UNK/NR                   N6434C               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, UNK/NR IN
                                        DAMAGE-SUBSTANTIAL                                               TYPE, NOT INSTRUMENT
                                                                                                         RATED.
        DEPARTURE POINT              INTENDED DESTINATION         LAST ENROUTE STOP
          JUNEAU,AK                    RETURN                       UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL                                                     TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          AIRFRAME - WINGS  SKIN AND ATTACHMENTS
          MISCELLANEOUS ACTS,CONDITIONS - UNAPPROVED MODIFICATION
        REMARKS- ACFT OPERATING FROM SANDBAR IN TAKU RIVER,MODIFIED WING LEADING EDGE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2106	5/27/79 TIME - 1530	NR.KARLUK,AK	PIPER J-5C N1035N DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 400 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
KODIAK,AK
INTENDED DESTINATION
KARLUK,AK
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
REMARKS- FLYING UP A DRAW FM KARLUK RIVER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2340	6/2/79 TIME - 0820	ENGLISH BAY,AK	PIPER PA-18 N60420 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 173 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ENGLISH BAY
DEPARTURE POINT
ANCHORAGE,AK
INTENDED DESTINATION
ENGLISH BAY,AK
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
REMARKS- HIT LOG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2107	6/8/79 TIME - 1500	ANCHORAGE,AK	CESSNA 180 N9751G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 28, 1752 TOTAL HOURS, 11 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MERRILL FIELD
DEPARTURE POINT
TYONEK,AK
INTENDED DESTINATION
ANCHORAGE,AK
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2122	6/15/79 TIME - 2030	KOLIGANEK,AK	CESSNA 180J N180MM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 2133 TOTAL HOURS, 34 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KOLIGANEK
DEPARTURE POINT: PORTAGE CREEK,AK
INTENDED DESTINATION: KOLIGANEK,AK
TYPE OF ACCIDENT: UNDERSHOOT; GEAR COLLAPSED
PHASE OF OPERATION: LANDING FINAL APPROACH; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETC.-RESTRICTED VISION
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS
WEATHER - RAIN
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION: UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE: 600
VISIBILITY AT ACCIDENT SITE: 3 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE: RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: UNKNOWN/NOT REPORTED
RELATIVE BEARING OF WIND: LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES: 180
WIND VELOCITY-KNOTS: 15
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: VFR
REMARKS- A/C RAN OFF SIDE OF RWY.STEEP INCLINE TO APPROACH END AND SHOULDER OF RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2349	6/18/79 TIME - 0210	TOK JUNCTION,AK	CESSNA 172 N7370M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 66 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TOK
DEPARTURE POINT: TOK JUNCTION,AK
INTENDED DESTINATION: FAIRBANKS,AK
TYPE OF ACCIDENT: STALL MUSH
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- UNABLE TO MAINT ALT & AIRSPEED DRG TURN BACK TO ARPT.ABORTED 2 PREVIOUS TKOFS.NO ENG PROBLEMS FND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2357	6/18/79 TIME - 1040	NR.TOK,AK	CESSNA 140 N2163V DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 600 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GULKANA,AK
INTENDED DESTINATION
TOK,AK
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
REMARKS- COLLIDED W TELEPHONE WIRES DRG LNDG ON HWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2313	6/23/79 TIME - 1530	CARIBOU CREEK,AK	PIPER PA-18 N38567 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 22, 1100 TOTAL HOURS, 7 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CARIBOU CREEK
DEPARTURE POINT
CARIBOU CREEK,AK
INTENDED DESTINATION
PALMER,AK
TYPE OF ACCIDENT
COLLIDED WITH DITCHES
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

SKY CONDITION
UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE
7000
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
TEMPERATURE-F
55
WIND VELOCITY-KNOTS
10
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- PLT STATED-MISTOOK TKOF PERFORMANCE W ANOTHER TYPE ACFT WHILE FATIGUED.D/A-3900 FT.XWND GSTG 12KTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2319	6/29/79 TIME - 1130	NR.ANCHORAGE,AK	BELLANCA 7GCBC N26987 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 33, 4500 TOTAL HOURS, 124 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ANCHORAGE,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- SIM FORCED LDG.FLOAT EQPD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2353	7/2/79 TIME - 1400	TALKEETNA,AK	BEECH K35 N233A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 2945 TOTAL HOURS, 35 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TALKEETNA
DEPARTURE POINT
TALKEETNA,AK
INTENDED DESTINATION
TALKEETNA,AK
TYPE OF ACCIDENT
WHEELS-UP
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
AIRFRAME - LANDING GEAR LANDING GEAR WARNING AND INDICATING COMPONENTS
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
REMARKS- GEAR WARNING HORN INOP FOR PREVIOUS 35 HRS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2343	7/4/79 TIME - 2105	GLENNALLEN,AK	CESSNA 170B N3561C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 52, 52 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GULKANA
DEPARTURE POINT
  GULKANA,AK
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE

INTENDED DESTINATION
  NORTHWAY,AK.

LAST ENROUTE STOP
  GLENNALLEN,AK
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  60
WIND VELOCITY-KNOTS
  9
TYPE OF FLIGHT PLAN
  VFR

CEILING AT ACCIDENT SITE
  7000
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES
  220
TYPE OF WEATHER CONDITIONS
  VFR

REMARKS- PILOT REPORTED WIND GUSTING TO 12 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2309	7/7/79 TIME - 1530	SOLDOTNA,AK	CESSNA 185E N2233T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 550 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SOLDOTNA
DEPARTURE POINT — KENAI,AK.
INTENDED DESTINATION — SOLDOTNA,AK
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; GEAR COLLAPSED
PHASE OF OPERATION — LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — UNKNOWN/NOT REPORTED
WIND VELOCITY-KNOTS — 7
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2333	7/12/79 TIME - 1620	NR.PALMER,AK	CESSNA U206 N9111M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 70, 4000 TOTAL HOURS, 460 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FINGER LAKE
DEPARTURE POINT — PALMER,AK
INTENDED DESTINATION — ILIAMNA LAKE,AK
TYPE OF ACCIDENT — COLLIDED WITH OBJECT
PHASE OF OPERATION — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
TERRAIN - HIDDEN OBSTRUCTIONS
REMARKS- COLLIDED WITH SUBMERGED OBJECTS DURING TKOF. FLOAT EQUIPPED

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FILE   DATE        LOCATION              AIRCRAFT DATA           INJURIES     FLIGHT                         PILOT DATA
                                                                 F  S M/N     PURPOSE

?-2368 7/12/79  NR.ARCTIC VILLAGE,AK  DEHAVILLAND DHC-3    CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 28, 2700
       TIME - 1002                    N48148               PX-  0  0  1  AIR TAXI-CARGO             TOTAL HOURS, 254 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        ARCTIC VILLAGE,AK             LOCAL
       TYPE OF ACCIDENT
        GEAR COLLAPSED                                          PHASE OF OPERATION
                                                                  LANDING  ROLL
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         TERRAIN - SANDY
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- GEAR COLLAPSED DRG LNDG ON SAND BAR.CO FLT PLAN.


3-2367 7/12/79  NR.BETTLES,AK          CESSNA 180          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 51, 2000
       TIME - 0940                     N1511C              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 40 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - BUSH STRIP
       DEPARTURE POINT              INTENDED DESTINATION
         CREVICE CREEK,AK            BETTLES,AK
       TYPE OF ACCIDENT
         NOSE OVER/DOWN                                         PHASE OF OPERATION
                                                                  LANDING  ROLL
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
       REMARKS- RUNWAY SURFACE NOT MAINTAINED.


3-2315 7/13/79  NR.KOBUK,AK            CESSNA 170B         CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 37, 977
       TIME - 2145                     N1805C              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 87 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         RIVER GRAVEL BAR            ANOTHER GRAVEL BAR
       TYPE OF ACCIDENT
         STALL  MUSH                                            PHASE OF OPERATION
                                                                  TAKEOFF  INITIAL CLIMB
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - PREMATURE LIFT-OFF
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                                F  S M/N      PURPOSE

3-2119  7/13/79    HALIBUT COVE,AK      CESSNA A185F          CR-  0  0  1  COMMERCIAL              AIRLINE TRANSPORT, AGE
        TIME - 1040                     N70279                PX-  0  0  0  AIR TAXI-CARGO          35, 3315 TOTAL HOURS, 215
                                        DAMAGE-SUBSTANTIAL                                          IN TYPE, INSTRUMENT
                                                                                                    RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          HOMER,AK                     HALIBUT COVE,AK
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          WHEELS-DOWN LANDING IN WATER                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR
        FACTOR(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - CHECKLIST-FAILED TO USE
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER


3-2355  7/16/79  NR.FAIRBANKS,AK        CESSNA 150H           CR-  0  0  1  NONCOMMERCIAL           STUDENT, AGE 36, 55 TOTAL
        TIME - 2030                     N50296                PX-  0  0  0  PRACTICE                HOURS, 53 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          NORTH POLE,AK                LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                 IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - FLIGHT CONTROL SURFACES  ELEVATOR ASSEMBLY,ATTACHMENTS
          MISCELLANEOUS ACTS,CONDITIONS - ELONGATED
          MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                  PITCH CONTROL PROBLEM
        REMARKS- RGT ELEVATOR,OUTBOARD ATCH BOLT HOLE BECAME ELONGATED & BOLT DISCONNECTED.FORCED LNDG-SOFT TUNDRA.


3-2306  7/16/79  NR.BARROW,AK           CESSNA 206            CR-  0  0  1  MISCELLANEOUS           COMMERCIAL, AGE 26, 1500
        TIME - 0930                     N756YN                PX-  0  0  0  FERRY                   TOTAL HOURS, 200 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          BARROW,AK                    OKPIKSOU RIVER,AK
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          NOSE OVER/DOWN                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        REMARKS- LANDED ON WRONG GRAVEL BAR ABOUT 10 MI SHORT OF DESTN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2348	7/17/79 TIME - 0730	PORT ALLSWORTH,AK	CESSNA 185F N1770R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 60, 22085 TOTAL HOURS, 22005 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
KENAI,AK
INTENDED DESTINATION
SOUTH NAKNEK,AK
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN

SKY CONDITION
OBSCURATION
VISIBILITY AT ACCIDENT SITE
ZERO
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR
CEILING AT ACCIDENT SITE
0
PRECIPITATION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2363	7/17/79 TIME - 1030	NINILCHIK,AK	CESSNA 170 N4206V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 35, 24 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NINILCHIK
DEPARTURE POINT
HOMER,AK
INTENDED DESTINATION
LOCAL
LAST ENROUTE STOP
NINILCHIK,AK
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION
REMARKS- WING TIP COLLIDED W BUSH NEAR RWY.WND GUSTING 12 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2318	7/19/79 TIME - 2030	QUAIL CREEK,AK	CESSNA 180J N52175 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 33, 2117 TOTAL HOURS, 310 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - QUAIL CREEK
DEPARTURE POINT: NENANA,AK
INTENDED DESTINATION: QUAIL CREEK,AK
TYPE OF ACCIDENT
  COLLIDED WITH TREES
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
  SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  65
WIND VELOCITY-KNOTS
  5
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES
  210
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- PLT STATED-UNEXPECTED XWND JUST BEFORE TCHDWN,ACFT MOVED LEFT,LEFT WING DIPPED & HIT BUSH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2345	7/20/79 TIME - 0830	NR.ILIAMNA,AK	PIPER PA-28 N1827J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 130 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ILIAMNA ROADHOUSE
DEPARTURE POINT: ILIAMNA,AK
INTENDED DESTINATION: ANCHORAGE,AK
LAST ENROUTE STOP: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FIRE AFTER IMPACT
REMARKS- TKOF INTO RISING TERRAIN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2354	7/21/79 TIME - 1330	ANCHORAGE,AK	MAULE M4-210 N4741T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 46, 4815 TOTAL HOURS, 280 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ANCHORAGE INT'L
DEPARTURE POINT: ANCHORAGE,AK
INTENDED DESTINATION: GRANITE POINT,AK
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  NOSE OVER/DOWN
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2305	7/21/79 TIME - 1100	NR.SOLDOTNA,AK	PIPER PA-32 N5499T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 22, 1450 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: SOLDOTNA,AK
INTENDED DESTINATION: ANCHORAGE,AK
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT CLIMB TO CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- SELECTED WRONG FUEL TANK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2364	7/26/79 TIME - 1610	NR.PALMER,AK	CESSNA 170A N9535A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 429 TOTAL HOURS, 127 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MCKECHNIE ROAD
DEPARTURE POINT: PALMER,AK
INTENDED DESTINATION: TALKGETNA,AK
TYPE OF ACCIDENT
  STALL
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2350	7/27/79 TIME - 2024	BETHEL,AK	CESSNA 170A N5724C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 49, 45 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BETHEL
DEPARTURE POINT — BETHEL,AK
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; NOSE OVER/DOWN
PHASE OF OPERATION — LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2321	7/28/79 TIME - 1130	NR.FAIRBANKS,AK	PIPER PA-11 N5028H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 1300 TOTAL HOURS, 350 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — FAIRBANKS,AK
INTENDED DESTINATION — UPPER SALCHA RVR,AK
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
TERRAIN - HIGH VEGETATION
REMARKS- ACFT WING STRUCK WILLOW BUSH WHICH TURNED ACFT INTO A DOWNED TREE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2156	7/28/79 TIME - 0815	NR.KOTZEBUE,AK	CESSNA 170B N3279A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 29, 73 TOTAL HOURS, 71 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BEACH AREA
DEPARTURE POINT — KOTZEBUE,AK
INTENDED DESTINATION — ARTIC CIRCLE,AK
TYPE OF ACCIDENT — COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION — LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- LDG AREA WAS AN ABANDONED BEACH STRIP

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                                 PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2334  7/29/79    PURKEYPILE,AK          CESSNA 172           CR-  0  0  1  NONCOMMERCIAL                     PRIVATE, AGE 29, 140
        TIME - 1600                       N7339G               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 91 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PURKEY PILE MINE
        DEPARTURE POINT              INTENDED DESTINATION
          PURKEYPILE,AK                ANCHORAGE,AK
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                     TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIGH VEGETATION
        REMARKS- WING TIP COLLIDED W BUSH AT EDGE OF MINE STRIP.


3-2358  7/29/79  NR.ANCHORAGE,AK          CESSNA 150J          CR-  0  0  1  NONCOMMERCIAL                     AIRLINE TRANSPORT, AGE
        TIME - 1840                       N44NM                PX-  0  0  1  PLEASURE/PERSONAL TRANSP       44, 7300 TOTAL HOURS, 420
                                          DAMAGE-SUBSTANTIAL                                                 IN TYPE, INSTRUMENT
                                                                                                             RATED.
        DEPARTURE POINT              INTENDED DESTINATION           LAST ENROUTE STOP
          TWIN ISLAND LAKE,AK.         CAMPBELL LAKE,AK.              UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                     TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
        FACTOR(S)
          WEATHER - DOWNDRAFT,UPDRAFTS
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          SCATTERED                                                 UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          NONE                                                      65
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          270                                                       10
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          VFR                                                       NONE
        REMARKS- FLOAT EQUIPPED ACFT.COLLIDE W SHORELINE & TREES AT END OF LAKE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2352	7/30/79 TIME - 1405	DILLINGHAM,AK	PIPER PA-18 N44527 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 18, 48 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DILLINGHAM
DEPARTURE POINT: EKUK,AK
INTENDED DESTINATION: DILLINGHAM,AK
TYPE OF ACCIDENT
  AIRFRAME FAILURE ON GROUND
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  AIRFRAME - LANDING GEAR WHEELS,TIRES,AXLES
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- R TUNDRA TIRE BLEW OUT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2338	7/31/79 TIME - 1130	FAIRBANKS,AK	BELLANCA 15AC N1180H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 31, 73 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - METROPOLITAN
DEPARTURE POINT: FAIRBANKS,AK
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
  STALL
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- A/C FLOAT EQUIPPED.TOOK OFF FROM FLOAT PLANE POND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2317	8/1/79 TIME - 1530	NR.KENAI,AK	PIPER PA-18 N249T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 120 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: NORTH KALGIN ISLAND
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
' PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
  TERRAIN - SANDY

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FILE    DATE            LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                                PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2356  8/8/79    NR.ARCTIC VILLAGE,AK  CESSNA 185           CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 32, 2456
        TIME - 1630                     N4033Y               PX-  0  1  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 500 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          FORT YUKON,AK                 UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  LOW PASS
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  CARBURETOR
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
        REMARKS- ACFT DMG PRG PRCTNRY LNDG ON SAND BAR.BOLT MISSING BETWEEN THROTTLE CABLE & CARB LINKAGE.


3-2113  8/9/79    NR.GULKANA,AK         PIPER PA-12          CR-  0  0  1  COMMERCIAL                   COMMERCIAL, AGE 23, 1470
        TIME - 0900                     N7853H               PX-  0  0  2  AIR TAXI-PASSG               TOTAL HOURS, 45 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - LONG LAKE
        DEPARTURE POINT                INTENDED DESTINATION
          LONG LAKE,AK                  BLUE LAKE,AK
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
        REMARKS- FLOAT FOPD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2339	8/12/79 TIME - 1500	NR.MCGRATH.AK	DEHAVILLAND DHC-2 N5154G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 37, 5000 TOTAL HOURS, 369 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
POST LAKE.AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - SUDDEN WINDSHIFT
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - OTHER
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
6000
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
60
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- FLOAT EQUIPPED.REMOTE AREA WITH NO WX.BRIEFING FACILITIES.WIND RPTD.S/NE AT 20 KTS BY PILOT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2337	8/13/79 TIME - 1200	NR.WASILLA.AK	BRANTLY B-2B N2183U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 990 TOTAL HOURS, 51 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
WILLOW.AK
INTENDED DESTINATION
WASILLA.AK
TYPE OF ACCIDENT
ROLL OVER
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
TERRAIN - ROUGH/UNEVEN

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
90
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- PLT STATED-APPLIED FULL PWR DRG LNDG APRH TO KNOLL.BUT HEL CONT TO DSND.WND GUSTING 20 KT.

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FILE    DATE           LOCATION           AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2323  8/13/79  NR.MCGRATH,AK          CESSNA 185           CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE UNK/NR,
        TIME - 1630                     N123LR               PX-  0  0  2  PLEASURE/PERSONAL TRANSP    3500 TOTAL HOURS, UNK/NR
                                        DAMAGE-SUBSTANTIAL                                             IN TYPE, NOT INSTRUMENT
                                                                                                       RATED.
        DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
          EMMONAK,AK.                   ANCHORAGE,AK.                 ST.MARY'S,AK.
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
          MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- ENG FAILURE POWER OFF LANDING IN TUNDRA.A/C FLOAT EQUIPPED.ACFT REFUELED FROM BARREL WO STRAINING.


3-2118  8/15/79  NR.ILIAMNA,AK          CESSNA U206F         CR-  0  0  1  COMMERCIAL                  COMMERCIAL, FL.INSTR.,
        TIME - 1200                     N83640               PX-  0  0  2  AIR TAXI-PASSG              AGE 45, 1780 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                             200 IN TYPE, INSTRUMENT
                                                                                                       RATED.
        DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
          ILIAMNA,AK                    RETURN                        GIBRALTER RIVER,AK
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - SUDDEN WINDSHIFT
          TERRAIN - ROUGH WATER
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          BROKEN                                                      3000
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                        NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     WIND DIRECTION-DEGREES
          NONE                                                        90
        WIND VELOCITY-KNOTS                                         TYPE OF WEATHER CONDITIONS
          30                                                          VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- FLOAT EQUIPPED.WIND GUSTS TO 30K WITH OCCAS GUSTS 90 DEGREE FROM PREVAILING WIND -RT CROSSWIND.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2324	8/16/79 TIME - 1630	SHELDONS POINT,AK	CESSNA 185 N70048 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 2580 TOTAL HOURS, 404 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHELDONS POINT
DEPARTURE POINT — ST.MICHEALS,AK.
INTENDED DESTINATION — SHELDONS POINT,AK
TYPE OF ACCIDENT — NOSE OVER/DOWN
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PERSONNEL - AIRPORT SUPERVISORY PERSONNEL FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK OBSTRUCTION
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES OTHER
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY
REMARKS- NEW RWY UNUSABLE DUE SOFT SPOTS.PLT NOT AWARE ARPT STILL CLOSED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2322	8/19/79 TIME - 1230	NR.GULKANA,AK	PIPER PA-18 N4307A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 430 TOTAL HOURS, 74 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHALET LAKE
DEPARTURE POINT — GULKANA,AK
INTENDED DESTINATION — GAKONA,AK
TYPE OF ACCIDENT — STALL SPIN
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - PREMATURE LIFT-OFF
WEATHER - SUDDEN WINDSHIFT
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND VELOCITY-KNOTS — 20
TYPE OF FLIGHT PLAN — NONE
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 180
TYPE OF WEATHER CONDITIONS — VFR
REMARKS- BUSH STRIP. WIND GUSTS TO 30 KTS.

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                            PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2362  8/22/79  NR.TALKEETNA.AK        PIPER PA-18          CR-  0  1  0  MISCELLANEOUS          COMMERCIAL, AGE 54, 30000
        TIME - 1330                      N35947               PX-  0  0  2  HUNTING                TOTAL HOURS, UNK/NR IN
                                         DAMAGE-SUBSTANTIAL                                        TYPE, NOT INSTRUMENT
        DEPARTURE POINT                 INTENDED DESTINATION        LAST ENROUTE STOP              RATED.
          ANCHORAGE.AK                   RETURN                       IRON CREEK-HUNT SITE
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          MISCELLANEOUS                                               TAXI  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ICY
        REMARKS- ACFT SLID BACKWARDS OFF GLACIER CLIFF.PLT ATTEMPTED TO START ENG WHILE ACFT WAS SLIDING.


3-2314  8/23/79  NR.FT.YUKON.AK         PIPER PA-12          CR-  0  0  1  NONCOMMERCIAL          PRIVATE, AGE 23, 320
        TIME - 1230                      N4121N               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                        NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          ARTIC VILLAGE.AK.              FT.YUKON.AK.
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  DITCHES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE.SERVICING.INSPECTION  IMPROPERLY SERVICED AIRCRAFT (OWNER-PILOT)
          MISCELLANEOUS ACTS.CONDITIONS - WATER IN FUEL
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          MISCELLANEOUS ACTS.CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
        REMARKS- COLLIDED W DITCH DRG PRECAUTIONARY LNDG IN SMALL CLEARING.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2303	8/23/79 TIME - 1700	NR.FAREWELL,AK	PIPER PA-18 N4737A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 177 TOTAL HOURS, 19 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
FAREWELL,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
NONE
REMARKS- DA APRX 3200FT.FLOAT EQPD.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
75
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2329	8/24/79 TIME - 2045	NR.CANTWELL,AK	PIPER PA-18 N8567D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 461 TOTAL HOURS, 393 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GRACIOUS LODGE
DEPARTURE POINT
CANTWELL,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
225
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WIND GUSTING 30K.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2308	8/25/79 TIME - 1730	NR.VALDEZ,AK	CESSNA 180H N344BY DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 244 TOTAL HOURS, 195 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
VALDEZ,AK
INTENDED DESTINATION
ANCHORAGE,AK
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
58
WIND DIRECTION-DEGREES
360
WIND VELOCITY-KNOTS
3
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- ACFT EQUIPPED W FLOATS.WND GUSTING 7 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2336	8/26/79 TIME - 1700	NR.TYONEK,AK	CESSNA 180 N4563B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 1295 TOTAL HOURS, 350 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
TYONEK,AK
INTENDED DESTINATION
ANCHORAGE,AK
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
TERRAIN - HIGH VEGETATION
REMARKS- WING TIP COLLIDED W BRUSH DRG TKOF ON GRVL ROAD.

best copy available

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2331	8/27/79 TIME - 2015	NR.VALDEZ,AK	PIPER PA-18 N9130D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 204 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  TAZLINA LAKE,AK
TYPE OF ACCIDENT
  COLLIDED WITH OBJECT

INTENDED DESTINATION
  VALDEZ,AK

LAST ENROUTE STOP
  UNKNOWN/NOT REPORTED
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  WEATHER - LOW CEILING
WEATHER BRIEFING - OTHER
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
  ADVERSE/UNFAVORABLE WEATHER
  APPROACHING DARKNESS

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
WIND DIRECTION-DEGREES
  180
TYPE OF WEATHER CONDITIONS
  IFR

CEILING AT ACCIDENT SITE
  500
PRECIPITATION AT ACCIDENT SITE
  RAIN
TEMPERATURE-F
  52
WIND VELOCITY-KNOTS
  35
TYPE OF FLIGHT PLAN
  NONE

REMARKS- COLLIDED WITH SIGN AND BRIDGE GUARDRAIL ON ROAD.WX BRIEF AFTER ABN BUT ONLY AFTER REACHING 8000FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2307	8/28/79 TIME - 1800	SHRODE LAKE,AK	PIPER J-3 N87822 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 51, 1332 TOTAL HOURS, 1215 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  SHRODE LAKE,AK
TYPE OF ACCIDENT
  STALL SPIN
  COLLISION WITH GROUND/WATER CONTROLLED

INTENDED DESTINATION
  LOCAL

PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
  PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE
REMARKS- PLT STATED-SUNGLARE PREVENTED SEEING LOW POINT IN HILLS AHEAD,STALLED DRG TURN AWAY FROM SUN.

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FILE  DATE           LOCATION          AIRCRAFT DATA        INJURIES        FLIGHT                               PILOT DATA
                                                             F  S M/N       PURPOSE

3-2351 8/29/79   ILIAMNA,AK           CESSNA 305A        CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 26, 465
       TIME - 1830                    N5227G             PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 454 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - ILIAMNA
       DEPARTURE POINT               INTENDED DESTINATION
         ILIAMNA,AK                    LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          TAKEOFF   INITIAL CLIMB
         STALL  MUSH                                            LANDING   FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       REMARKS- ON FLT TO NEARBY ARPT TO REFUEL.ENG QUIT DRG STEEP TKOF CLIMB W LOW FUEL LVL.

3-2311 8/30/79  NR.HOMER,AK           PIPER PA-18        CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 36, 300
       TIME - 1900                    N9213Y             PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 25 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         CLEARWATER SLOUGH,AK          LAKE ARNESS,AK
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                  TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         TERRAIN - HIDDEN OBSTRUCTIONS
       REMARKS- FLOAT EQUIPPED COLLIDED WITH SAND BAR

3-2330 8/30/79  NR.DILLINGHAM,AK      PIPER PA-18        CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 31, 460
       TIME - 1130                    N1089A             PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, ALL IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - SHANNON POND
       DEPARTURE POINT               INTENDED DESTINATION
         DILLINGHAM,AK                 LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         STALL  MUSH                                            TAKEOFF   INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - PREMATURE LIFT-OFF
       REMARKS- FLOAT EQPD.PLT STATED LAKE WAS BARELY ADEQUATE IN SIZE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2335	9/1/79 TIME - 1945	NR.ANCHORAGE,AK	PIPER PA-18A N9272D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 479 TOTAL HOURS, 273 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BELUGA VALLEY LK,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- ACFT-FLOAT EQUIPPED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2327	9/1/79 TIME - 1600	NR.ANCHORAGE,AK	PIPER PA-18 N8856C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 59, 2666 TOTAL HOURS, 53 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BUSH STRIP
DEPARTURE POINT
ANCHORAGE,AK
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
WEATHER - SUDDEN WINDSHIFT
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
90
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
50
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2360	9/1/79 TIME - 0900	NR.EUREKA,AK	PIPER PA-22S N8143D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 390 TOTAL HOURS, 64 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
EUREKA,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- FROST ON WINGS.ACFT EQUIPPED W FLOATS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2328	9/3/79 TIME - 0945	ANCHORAGE,AK	CESSNA 180J N42372 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 244 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ANCHORAGE,AK
INTENDED DESTINATION
SIX MILE LAKE,ANC
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- FLOAT EQUIPPED.PILOTS SEAT NOT PROPERLY LOCKED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2325	9/3/79 TIME - 1530	CANTWELL,AK	CESSNA 170B N3428C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 594 TOTAL HOURS, 271 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CANTWELL
DEPARTURE POINT
CANTWELL,AK
INTENDED DESTINATION
PAXSON,AK.
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF ABORTED
TAKEOFF ABORTED

PROBABLE CAUSE(S)
WEATHER - SUDDEN WINDSHIFT
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
40
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT QUARTERING TAIL WIND 203-247 DEGREES
WIND DIRECTION-DEGREES
338
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- LOOSE GRAVEL ON RWY.HIT PILE OF GRAVEL AT END.WIND GUSTING 30K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2304	9/3/79 TIME - 1915	EUREKA,AK	BELLANCA 7GCBC N57652 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 1418 TOTAL HOURS, 1328 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EUREKA LAKE
DEPARTURE POINT — ANCHORAGE,AK
INTENDED DESTINATION — WILLOW LAKE
LAST ENROUTE STOP — EUREKA,AK
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — LIGHT AND VARIABLE
TEMPERATURE-F — 46
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- FLOAT EQUIPPED.DENSITY ALT-APRX 2900 FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2286	9/5/79 TIME - 1800	NR.EIELSON AFB,AK	PIPER PA-18 N5087Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 31, 5680 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BUSBY STRIP
DEPARTURE POINT — BUSH STRIP
INTENDED DESTINATION — EIELSON AFB,AK
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; NOSE OVER/DOWN
PHASE OF OPERATION — LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
REMARKS- LEFT WHEEL ENVELOPED IN MUD FROM LAST TAKE OFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2320	9/7/79 TIME - 0630	NR.GLENALLEN,AK	PIPER PA-12 N2306M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 888 TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BUSH STRIP
DEPARTURE POINT: WILLOW LAKE
INTENDED DESTINATION: GLENALLEN,AK
LAST ENROUTE STOP: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - WET,SOFT GROUND
REMARKS- PILOT LANDING ON GRAVEL BAR.HIT SOFT SPOT AND NOSED OVER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2285	9/8/79 TIME - 1130	NR.TANANA,AK	BELLANCA 7GCBC N1800G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 84 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: TANANA,AK
INTENDED DESTINATION: TANANA,AK
TYPE OF ACCIDENT: STALL MUSH; COLLIDED WITH TREES
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB; TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - MISJUDGED DISTANCE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- PLT STATED-LIFTED OFF TOO SLOW & MISJUDGE DIST TO TREES AT END OF TKOF AREA(SAND BAR).

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2366	9/20/79 TIME - 1915	LACE RVR,AK	CESSNA 172 N738XG DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 22, 2523 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: JUNEAU,AK
INTENDED DESTINATION: BERNERS BAY,AK.
TYPE OF ACCIDENT: COLLIDED WITH DIRT BANK
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - MISJUDGED CLEARANCE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2120	9/20/79 TIME - 1201	OLD HARBOR,AK	BELLANCA 8GCBC N86932 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 890 TOTAL HOURS, 82 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OLD HARBOR
DEPARTURE POINT: KODIAK,AK
INTENDED DESTINATION: OLD HARBOR,AK
LAST ENROUTE STOP: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT: OVERSHOOT; HARD LANDING
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS GLASSY WATER
REMARKS-FLOAT EQUIPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2361	9/21/79 TIME - 1730	GOLD CREEK,AK	DEHAVILLAND DHC-2 N67091 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 274 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE STRIP
DEPARTURE POINT: ANCHORAGE,AK
INTENDED DESTINATION: GOLD CREEK,AK
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2310	9/22/79 TIME - 1418	NR.FAIRBANKS,AK	PIPER PA-18 N6993B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 140 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: FOUTS MARINA,AK
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL SPIN
PHASE OF OPERATION: IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- A/C FLOAT EQUIPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2332	9/24/79 TIME - 1700	NR.FAIRBANKS,AK	AERONCA 7AC N1594F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 150 TOTAL HOURS, 41 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
FAIRBANKS,AK
INTENDED DESTINATION
FAIRBANKS,AK
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2108	9/24/79 TIME - 1200	NR.HAINES,AK	PIPER PA-22 N3542Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 24, 2500 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
CHILKAT LAKE,AK
INTENDED DESTINATION
HAINES,AK
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
TERRAIN - OTHER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED WITH LOG ON SANDBAR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2123	9/28/79 TIME - 1500	NR.BETHEK,AK	CESSNA 185 N4695F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 1389 TOTAL HOURS, 564 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HANGAR LAKE
DEPARTURE POINT
BETHEK,AK
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- FLOAT EQUIPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2369	10/1/79 TIME - 1400	POST LAKE,AK	PIPER PA-22 N8795C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 403 TOTAL HOURS, 253 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BUSH STRIP
DEPARTURE POINT: POST LAKE,AK
INTENDED DESTINATION: KENAI,AK
TYPE OF ACCIDENT: STALL MUSH
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - PREMATURE LIFT-OFF
REMARKS- WIND GUSTING TO 15KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2365	10/1/79 TIME - 0900	NR.SPARREVOHN,AK	PILATUS PC-6 N4912 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 4300 TOTAL HOURS, 140 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: RED DEVIL,AK.
INTENDED DESTINATION: ANCHORAGE,AK.
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION: UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE: 8000
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 41
WIND DIRECTION-DEGREES: 90
WIND VELOCITY-KNOTS: 20
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
FIRE AFTER IMPACT
REMARKS- ENCTRD SVR DWNDFTS DRG FLT OVR MTN PASS.WND GUSTING 40 KTS.

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                                 F  S M/N       PURPOSE

3-2124  6/1/79   NR.LONG MESA.AZ           PIPER PA-32R         CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, FL.INSTR.,
        TIME - 1145                        N6581F               PX-  0  0  1  BUSINESS                      AGE 25, 586 TOTAL HOURS,
                                           DAMAGE-SUBSTANTIAL                                               76 IN TYPE, INSTRUMENT
                                                                                                            RATED.
        NAME OF AIRPORT - LONG MESA
        DEPARTURE POINT               INTENDED DESTINATION
          TUWEEP.AZ                   LONG MESA.AZ
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY


3-2125  6/22/79    SCOTTSDALE.AZ           CESSNA 401B          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 32, 615
        TIME - 1615                        N79020               PX-  0  0  2  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 450 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - SCOTTSDALE
        DEPARTURE POINT               INTENDED DESTINATION
          SHOWLOW.AZ                    SCOTTSDALE.AZ
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GEAR RETRACTED                                            TAXI  FROM LANDING

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- L LNDG GEAR DOWNLOCK BELLCRANK.PN-5041001-1 SEPARATED AT ATCH POINTS.


3-2126  7/8/79   NR.MESA.AZ                PIETENPOL AIRCAM     CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 33, 498
        TIME - 1915                        N3586                PX-  1  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 125 IN TYPE,
                                           DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
         MESA.AZ                        LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                               LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          SYSTEMS - FLIGHT CONTROL SYSTEMS  ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
        REMARKS- ELEV PUSH-PULL CONTROL BELL CRANK MOUNTING STEEL TUBE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2127	7/24/79 TIME - 1910	NR.YUMA,AZ	CESSNA 150 N14560 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 32, 41 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - AUXILLARY SITE#4
DEPARTURE POINT: YUMA,AZ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
215
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WND GUSTING 10 KTS.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND VELOCITY-KNOTS
8
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2128	8/11/79 TIME - 1245	PRESCOTT,AZ	CESSNA 310 N3676D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 1220 TOTAL HOURS, 170 IN TYPE. INSTRUMENT RATED.

NAME OF AIRPORT - PRESCOTT
DEPARTURE POINT: COLORADO SPRINGS,CO
INTENDED DESTINATION: PRESCOTT,AZ
TYPE OF ACCIDENT
FIRE OR EXPLOSION ON GROUND
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM LINES AND FITTINGS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
FIRE AFTER IMPACT
REMARKS- FUEL PRES INDICATOR LINE (PN-S1168-2-26) SEPARATED AT CARB FITTING.EXPLOSION & FIRE ON LNDG ROLL.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                                PILOT DATA
                                                                F  S M/N      PURPOSE

3-2129  8/16/79    PHOENIX,AZ           CESSNA 170B          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 65, 3309
        TIME - 0800                     N4664C               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 1990 IN
                                        DAMAGE-SUBSTANTIAL                                                TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - SKY HARBOR
        DEPARTURE POINT              INTENDED DESTINATION
          PHOENIX,AZ                   VAN NUYS,CA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                     TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        REMARKS- WING TIP STRUCK JET BLAST FENCE SUPPORT WHILE TAXIING ARND PARKED ACFT.


3-2130  9/4/79     CASA GRANDE,AZ       SCHWEIZER 1-26       CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 58, 9111
        TIME - 1600                     N7797S               PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 101 IN TYPE,
                                        DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - UNKNOWN
        DEPARTURE POINT              INTENDED DESTINATION
          MARICOPA,AZ                  ELOY,AZ
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                     LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
        FACTOR(S)
          WEATHER - OTHER
          TERRAIN - HIGH VEGETATION
          TERRAIN - ROUGH/UNEVEN

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          NONE                                                      105
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          CALM                                                      VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- PLT STATED-LOST LIFT WHILE SOARING & HIT BUSHES DRG CRASH LNDG ON ROUGH DESERT TERRAIN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2199	8/31/79 TIME - 1700	HARRISBURG,AR	PIPER PA-22 N3337A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 139 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT — INTENDED DESTINATION
HARRISBURG,AR — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2201	9/6/79 TIME - 1530	NR.WILMONT,AR	ROCKWELL IN S-2R N8474V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 38, 1880 TOTAL HOURS, 398 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MCGINTY FLYING SE
DEPARTURE POINT — INTENDED DESTINATION
WILMONT,AR — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH CROP

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - HIGH VEGETATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1780
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED

REMARKS- CYL BARREL FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2200	9/8/79 TIME - 1415	ALPIN,AR	GREAT LAKES 2T-1A N3703F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 2926 TOTAL HOURS, 33 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PETIT JEAN
DEPARTURE POINT: LITTLE ROCK,AR
INTENDED DESTINATION: ALPIN,AR
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2115	9/30/79 TIME - 1730	NR.CASS,AR	CESSNA 150L N10734 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL POWER/PIPELINE	AIRLINE TRANSPORT, AGE 48, 4902 TOTAL HOURS, 1133 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: FORT SMITH,AR
INTENDED DESTINATION: RETURN
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
FACTOR(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 80
WIND DIRECTION-DEGREES: 255
WIND VELOCITY-KNOTS: 8
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- WND GUSTING 15 KTS.

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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES       FLIGHT                                   PILOT DATA
                                                                F  S M/N       PURPOSE

3-2184  2/3/79   NR.BOULDER,CO           CESSNA T210          CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 31, 1000
        TIME - 0933                      N9490M               PX-  1  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 20 IN TYPE,
                                         DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
          DENVER,CO                     GRAND JUNCTION,CO             CRAIG,CO
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  CLIMB TO CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (OWNER PERSONNEL)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER GRADE OIL-LUBRICATING SYSTEM
          ISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
          ILO- IN COMMAND - SELECTED UNSUITABLE TERRAIN
          -OR(S)
            OT IN COMMAND - IMPROPER STARTING PROCEDURES
            RAIN - ROUGH/UNEVEN
          TERRAIN - SNOW-COVERED
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- #2 EXHAUST VALVE BROKE.115HRS SINCE OIL CHANGE. 50WT OIL.SUB-ZERO TEMP.NO ENGINE PREHEAT.


3-2183  6/13/79  NR.MONTROSE,CO          HILLER UH-12L        CR-  0  0  1  MISCELLANEOUS                  COMMERCIAL, AGE 48, 10387
        TIME - 1055                      N5349V               PX-  0  0  2  SEARCH AND RESCUE              TOTAL HOURS, 310 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          MONTROSE,CO                   MONTROSE,CO
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ROLL OVER                                                   STATIC  OTHER

        PROBABLE CAUSE(S)
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PASSENGER
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        REMARKS- PASSENGER HIT CYCLIC WHILE BOARDING DURING A HOVER WITH ONE SKID ON THE GROUND.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2185	8/4/79 TIME - 1330	FT COLLINS,CO	CESSNA TU206 N4862F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 4400 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DOWNTOWN AIRPORT
DEPARTURE POINT — INTENDED DESTINATION
CASPER WY — FT COLLINS,CO
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - FUEL SYSTEM OTHER
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FOREIGN MAT.FOUND IN FUEL VAPOR SEPARATOR ASSY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2153	7/31/79 TIME - 1017	GROTON,CT	PIPER PA-30 N8602Y DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 483 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GROTON
DEPARTURE POINT — INTENDED DESTINATION
MERIDEN,CT — GROTON,CT
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING MISSED APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
IFR
CEILING AT ACCIDENT SITE
600
PRECIPITATION AT ACCIDENT SITE
FREEZING DRIZZLE
WIND DIRECTION-DEGREES
130
TYPE OF WEATHER CONDITIONS
IFR

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FILE    DATE          LOCATION              AIRCRAFT DATA          INJURIES      FLIGHT                                    PILOT DATA
                                                                    F  S M/N      PURPOSE

3-2151  3/21/79  NR.HOMESTEAD.FL            PIPER PA-28            CR-  1  0  0  NONCOMMERCIAL             PRIVATE, AGE 20, 160
        TIME - 2002                         N5344F                 PX-  2  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 4 IN TYPE,
                                            DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HOMESTEAD GENERAL
        DEPARTURE POINT               INTENDED DESTINATION
          OPALOCKA.FL                   HOMESTEAD.FL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                     LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FIRE AFTER IMPACT
        REMARKS- NO MOON AND NO GROUND REFERENCE LIGHTS EXCEPT TO THE EAST.


3-2396  6/4/79      MARATHON.FL             CESSNA 152             CR-  0  0  1  INSTRUCTIONAL             STUDENT, AGE 38, 18 TOTAL
        TIME - 1100                         N46426                 PX-  0  0  0  TRAINING                  HOURS, ALL IN TYPE, NOT
                                            DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - MARATHON
        DEPARTURE POINT               INTENDED DESTINATION
          MARATHON.FL                   LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                      LANDING  ROLL
          COLLIDED WITH  OBJECT                                         LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        REMARKS- BRUSH


3-2395  6/23/79  NR.HOMESTEAD.FL            BEECH 18               CR-  0  0  1  MISCELLANEOUS             PRIVATE, AGE 27, UNK/NR
        TIME - UNK/NR                       N76LA                  PX-  0  0  1  OTHER                     TOTAL HOURS, UNK/NR IN
                                            DAMAGE-SUBSTANTIAL                                             TYPE, NOT INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - GOLDSTEIN STRIP
        DEPARTURE POINT               INTENDED DESTINATION
          LANTANA.FL                    LEESBURG.FL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLIDED WITH  DIRT BANK                                      TAKEOFF  INITIAL CLIMB
          GEAR COLLAPSED                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
        REMARKS- PLT & PAX ARRESTED FOR POSSESSION OF MARIJUANA ON LNDG.STRUCK CESSNA 182,N7187E.SUB DMG,AND AUTO.
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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                              F  S M/N      PURPOSE

3-2394 7/19/79   MARIANNA,FL             CESSNA 172           CR-  0  1  0  COMMERCIAL               COMMERCIAL, AGE 30, 1897
       TIME - 0805                       N20456               PX-  0  0  1  OTHER                    TOTAL HOURS, 170 IN TYPE,
                                         DAMAGE-DESTROYED                                            INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         MARIANNA,FL                     LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                    IN FLIGHT  DESCENDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
       REMARKS- HIT PWR LINES.AERIAL APPLICATION OF WASP LARVAE IN A SOY BEAN FIELD.


3-2398 7/20/79  NR.OPA LOCKA,FL          CESSNA 152           CR-  0  0  2  INSTRUCTIONAL            COMMERCIAL, FL.INSTR.,
       TIME - 1200                       N7570W               PX-  0  0  0  DUAL                     AGE 26, 1235 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                          632 IN TYPE, NOT INSTRU-
                                                                                                     MENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
        OPA LOCKA,FL                     RETURN
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  OTHER
         NOSE OVER/DOWN                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
         TERRAIN - WET,SOFT GROUND
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PLT STATED ENG FAILED TO DEVELOP PWR AFT THROTTLE CLOSED TO SIM ENG FAILURE.


3-2399 8/24/79    ORMOND BEACH,FL        BELLANCA 7GCBC       CR-  0  1  0  COMMERCIAL               COMMERCIAL, AGE 48, 894
       TIME - 1730                       N53753               PX-  0  0  0  AERIAL ADVERTISING       TOTAL HOURS, 384 IN TYPE,
                                         DAMAGE-DESTROYED                                            INSTRUMENT RATED.
       NAME OF AIRPORT - ORMOND BEACH MUNI
       DEPARTURE POINT                 INTENDED DESTINATION
         ORMOND BEACH,FL                 LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         STALL  SPIN                                                   IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       REMARKS- PLT WAS ATTEMPTING TO PICK UP BANNER
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2397	8/25/79 TIME - 1230	KISSIMMEE,FL	CESSNA 195 N3095B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 59, 11525 TOTAL HOURS, 2300 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KISSIMMEE MUNICIP
DEPARTURE POINT — LEESBURG,FL
INTENDED DESTINATION — KISSIMMEE,FL
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2400	9/28/79 TIME - 0200	TALLAHASSEE,FL	CESSNA 120 N72433 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - TALLAHASSEE
DEPARTURE POINT — TALLAHASSEE,FL
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - FOG
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT

SKY CONDITION — OBSCURATION
CEILING AT ACCIDENT SITE — 50
VISIBILITY AT ACCIDENT SITE — 1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- ACFT STOLEN BY UNKNOWN PERSON.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2380	8/18/79 TIME - 0930	NR.FORNEY,ID	CESSNA T210 N73HK DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 37, 3854 TOTAL HOURS, 515 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FLYING B RANCH
DEPARTURE POINT
IDAHO FALLS,ID
INTENDED DESTINATION
FORNEY,ID
TYPE OF ACCIDENT
OVERSHOOT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2379	8/30/79 TIME - 1730	REXBURG,ID	CESSNA R172K N58BD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 22, 395 TOTAL HOURS, 100 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - REXBURG-MADISON
DEPARTURE POINT
HELENA,MT
INTENDED DESTINATION
IDAHO FALLS,ID
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
BLOWING DUST
WIND DIRECTION-DEGREES
240
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
WIND VELOCITY-KNOTS
27
TYPE OF FLIGHT PLAN
NONE
REMARKS- GUSTS TO 35KTS.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-2378  9/19/79  NR.BANCROFT,ID        CESSNA 182          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 43, 307
        TIME - 1115                    N1909M              PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 120 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          GLENNS FERRY,ID              BANCROFT,ID
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2377  9/29/79    CLEARWATER,ID       BELLANCA 7GCAA      CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 29, 500
        TIME - 1100                    N5186T              PX-  0  1  2  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 25 IN TYPE,
                                       DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          CLEARWATER,ID                LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  TREES                                     TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
          TERRAIN - WET,SOFT GROUND
        REMARKS- TKOF FROM ROLLED/PLOWED FLD,1500 FT LONG,UPHILL 1ST 800 FT.AFTER TKOF,DRIFTED LEFT TWD TREES.


3-2381  10/2/79  NR.LEWISTON,ID        CESSNA 182C         CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, FL.INSTR.,
        TIME - 1900                    N8489T              PX-  0  0  0  PLEASURE/PERSONAL TRANSP     AGE 27, 641 TOTAL HOURS,
                                       DAMAGE-NONE         OT-  1  0  1                               12 IN TYPE, INSTRUMENT
                                                                                                      RATED.
        NAME OF AIRPORT - SPAULDING
        DEPARTURE POINT              INTENDED DESTINATION
         LEWISTON,ID                   LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          PROPELLER/ROTOR ACCIDENT TO PERSON                       STATIC  IDLING ENGINE(S)

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          PERSONNEL - MISCELLANEOUS-PERSONNEL  OTHER
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
        REMARKS- BECAME STUCK DURING TURN AROUND. 2 MEN PUSHED ACFT,ONE WALKED INTO ROTATING PROP. STRIP UNLIGHTED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2114	3/2/79 TIME - 1014	GALESBURG,IL	CESSNA 310B N5384A DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 65, 9018 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

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DEPARTURE POINT               INTENDED DESTINATION
  LEBANON,TN                    GALESBURG,IL
TYPE OF ACCIDENT                                          PHASE OF OPERATION
  COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  MISSED APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION                                             CEILING AT ACCIDENT SITE
  OVERCAST                                                  400
VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
  2 MILES OR LESS                                           NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   WIND DIRECTION-DEGREES
  FOG                                                       150
WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
  16                                                        IFR
TYPE OF FLIGHT PLAN
  IFR
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2252	3/11/79 TIME - 1530	CRYSTAL LAKE,IL	CESSNA 182RG N3648C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 527 TOTAL HOURS, 67 IN TYPE, INSTRUMENT RATED.

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NAME OF AIRPORT - CRYSTAL LAKE
DEPARTURE POINT               INTENDED DESTINATION
  CRYSTAL LAKE,IL               LOCAL
TYPE OF ACCIDENT                                          PHASE OF OPERATION
  COLLIDED WITH  SNOWBANK                                   LANDING  ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2251	4/12/79 TIME - 1215	LANSING,IL	BEECH 58 N30LB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	ATP,FLIGHT INSTR., AGE 27, 2700 TOTAL HOURS, 255 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LANSING MUNI
DEPARTURE POINT — MOLINE,IL
INTENDED DESTINATION — LANSING,IL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 170
TYPE OF WEATHER CONDITIONS — VFR
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS — 20
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTS TO 28K.FERRY FLIGHT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2253	4/18/79 TIME - 1330	SANDOVAL,IL	GRUMMAN G-164B N6703K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	ATP,FLIGHT INSTR., AGE 52, 7942 TOTAL HOURS, 63 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — SANDOVAL,IL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION OTHER
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 650
KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- PLT STATED ACFT 1ST TO BE FUELED OUT OF NEW LOAD OF GAS.NEXT ACFT FUELED ALSO HAD WATER IN SYSTEM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2390	4/27/79 TIME - 1009	CHICAGO,IL	BEECH 65-A90 N5JR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	ATP,FLIGHT INSTR., AGE 68, 28405 TOTAL HOURS, 515 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - O'HARE INTL
DEPARTURE POINT: CHICAGO,IL
INTENDED DESTINATION: ATTICA,IN
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  DITCHING
PHASE OF OPERATION
  IN FLIGHT CLIMB TO CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
  POWERPLANT - FUEL SYSTEM PUMPS
  MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- RT ENG.S/N PCE-20870.FAILED DUE TO FUEL PUMP DECOUPLING FM DRIVE TRAIN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2389	5/19/79 TIME - 1050	HARVARD,IL	GRUMMAN AA5 N5484L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 45, 1992 TOTAL HOURS, 759 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HARVARD DACY
DEPARTURE POINT: INTL FALLS,MN
INTENDED DESTINATION: ROCKFORD,IL
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2239	5/26/79 TIME - 1255	GARRETT,IL	LUSCOMB 8A N2381 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 1153 TOTAL HOURS, 38 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: GARRETT,IL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT BUZZING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED ALTITUDE
FACTOR(S)
  PILOT IN COMMAND - EXERCISED POOR JUDGMENT
  MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING

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FILE    DATE          LOCATION           AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                               F  S M/N      PURPOSE

3-2244  6/2/79      WEST CHICAGO,IL      CESSNA 310H          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 46, 1364
        TIME - 1306                      N1121Q               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 570 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - DUPAGE
        DEPARTURE POINT              INTENDED DESTINATION
          WEST CHICAGO,IL              LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GEAR RETRACTED                                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
        REMARKS- RETRACTION HEIGHT OF RT L/G HIGHER THAN NORMAL


3-2247  6/26/79     PRINCETON,IL         BOWERS DSA1          CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 27, 241
        TIME - 1925                      N9228A               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 17 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PRINCETON-PIPER
        DEPARTURE POINT              INTENDED DESTINATION
          BRADFORD,IL                  PRINCETON,IL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - ENGINE STRUCTURE  CRANKSHAFT
          MISCELLANEOUS ACTS,CONDITIONS - UNAPPROVED MODIFICATION
          MISCELLANEOUS ACTS,CONDITIONS - POOR WELD
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- FABRICATED ADAPTER WASHER WELD FAILED CAUSING CRANKSHAFT GEAR,P/N R-326,TO SEPARATE FM CRANKSHAFT.


3-2387  7/17/79     PLAINFIELD,IL        FRILING VARIEZ       CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 46, 630
        TIME - 1030                      N28JF                PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 59 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          PLAINFIELD,IL                LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  CROP                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  RAM AIR ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - COLLAPSED
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- AIR DUCT BETWEEN AIR FILTER & CARBURETOR,AEROQUIP P/N SUR-10,COLLAPSED.
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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                        PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2254 7/19/79    JERSEYVILLE,IL       CESSNA 172N            CR-  0  0  1  NONCOMMERCIAL               STUDENT, AGE 27, 48 TOTAL
       TIME - 0930                     N733LT                 PX-  0  0  0  PRACTICE                    HOURS, 24 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - JERSEYVILLE
       DEPARTURE POINT               INTENDED DESTINATION
         JERSEYVILLE,IL                LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         OVERSHOOT                                                LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  DITCHES                                   LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY


3-2248 7/22/79    MACOMB,IL            SMITH BGL              CR-  1  0  0  NONCOMMERCIAL               AIRLINE TRANSPORT, AGE
       TIME - 1530                     N69119                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP    36, 4108 TOTAL HOURS, 30
                                       DAMAGE-SUBSTANTIAL                                               IN TYPE, INSTRUMENT
                                                                                                        RATED.
       NAME OF AIRPORT - SMITH
       DEPARTURE POINT               INTENDED DESTINATION
         MACOMB,IL                     LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         STALL  SPIN                                              IN FLIGHT  CLIMB TO CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-2240 7/31/79    ERIE,IL              BOEING E-75N1          CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 30, 607
       TIME - 1730                     N39758                 PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 105 IN TYPE,
                                       DAMAGE-DESTROYED                                                 INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         FENTON,IL                     FENTON,IL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         STALL  MUSH                                              IN FLIGHT  PROCEDURE TURNAROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -   90                 KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - CORN                                TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED           GLOVES - NOT USED
         GOGGLES - NOT USED                                 CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                       CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT            TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  620           SWATH RUN-HOW FLOWN - CROSSWIND
         PROCEDURE TURNAROUND - THIRD 1/3 TURN
       REMARKS- TIGHTENED TURN TO AVOID COLLISION W BLUFF.
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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                           PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2241  8/2/79     WEST CHICAGO,IL        PIPER PA-32R         CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 37, 274
        TIME - 1710                       N26540               PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 167 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - DUPAGE
        DEPARTURE POINT                 INTENDED DESTINATION
          BLOOMINGTON,IL                  APPLETON,WI
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 LANDING  FINAL APPROACH
          HARD LANDING                                                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        FIRE AFTER IMPACT


3-2255  8/3/79     CHAMPAIGN,IL           PIPER PA-23          CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, FL.INSTR.,
        TIME - 1050                       N105FB               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     AGE 44, 2150 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                               1424 IN TYPE, INSTRUMENT
                                                                                                           RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          ALBION,MI                       CHAMPAIGN,IL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  FENCE,FENCEPOSTS                               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2249  9/8/79     PLAINFIELD,IL          BROWN V-EZE          CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 59, 373
        TIME - 1330                       N678B                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 49 IN TYPE,
                                          DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CLOW
        DEPARTURE POINT                 INTENDED DESTINATION
          PLAINFIELD,IL                   LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          UNDERSHOOT                                                    LANDING  FINAL APPROACH
          COLLIDED WITH  WIRES/POLES                                    LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
        REMARKS- PLTS ATTENTION ON ACFT ON ACTIVE RWY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2242	9/13/79 TIME - 1635	GALESBURG,IL	CESSNA 152 N68988 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 43, 46 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GALESBURG
DEPARTURE POINT: GALESBURG,IL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: HARD LANDING
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2245	9/18/79 TIME - 1830	JERSEYVILLE,IL	PIPER PA-38 N2388T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 145 TOTAL HOURS, 88 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: ST CHARLES,MO
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; GEAR COLLAPSED
PHASE OF OPERATION: IN FLIGHT OTHER; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT LEANED MIXTURE FOR 5000FT FLT,ENTERED STEEP SPIRAL.ATTEMPTED PWR REC-ENG FAILED TO RESPOND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2246	9/21/79 TIME - 1445	SCHAUMBURG,IL	BEECH A36 N94510 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 379 TOTAL HOURS, 61 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SCHAUMBURG
DEPARTURE POINT: WEST CHICAGO,IL
INTENDED DESTINATION: SCHAUMBURG,IL
TYPE OF ACCIDENT: HARD LANDING; NOSE OVER/DOWN
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING

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FILE    DATE         LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                            F  S M/N      PURPOSE

3-2243  9/23/79    MT STERLING,IL      PIPER PA-38          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 43, 86 TOTAL
        TIME - 1350                    N4306E               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      HOURS, 7 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - BROWN COUNTY
        DEPARTURE POINT              INTENDED DESTINATION
          JACKSONVILLE,IL              MT STERLING,IL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  FENCE,FENCEPOSTS                          LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING


3-2250  9/27/79    PERU,IL             CESSNA 337           CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 53, 508
        TIME - 0900                    N110RL               PX-  0  0  3  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 154 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - BLACKWOOD
        DEPARTURE POINT              INTENDED DESTINATION
          PERU,IL                      INDIANAPOLIS,IN
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                   TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
          PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        REMARKS- PLT ATTEMPTED TKOF W PARKING BRAKE SET ON.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2231	5/21/79 TIME - 1500	MARTINSVILLE,IN	CESSNA 172 N46202 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 65, 290 TOTAL HOURS, 142 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MCDANIEL
DEPARTURE POINT — MARTINSVILLE,IN
INTENDED DESTINATION — GREENWOOD,IN
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — OVERCAST
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND VELOCITY-KNOTS — 12
TYPE OF FLIGHT PLAN — NONE
CEILING AT ACCIDENT SITE — 25009
PRECIPITATION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 45
TYPE OF WEATHER CONDITIONS — VFR
REMARKS- WIND GUSTS TO 25K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2236	7/15/79 TIME - 1900	BROWNSBURG,IN	LUSCOMBE 8A N1364K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 50, 1960 TOTAL HOURS, 836 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROWNSBURG
DEPARTURE POINT — BROWNSBURG,IN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; HARD LANDING
PHASE OF OPERATION — LANDING TRAFFIC PATTERN-CIRCLING; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
  MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
  MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
  WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TYPE OF WEATHER CONDITIONS — VFR
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 78
TYPE OF FLIGHT PLAN — NONE

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                               F  S M/N     PURPOSE

3-2232  7/20/79    SOLITUDE,IN          TEXAS HELI OH-13     CR-  1  0  0  COMMERCIAL                  COMMERCIAL, AGE 39, 3100
        TIME - 1530                     N51847               PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, UNK/NR IN
                                        DAMAGE-DESTROYED                                               TYPE, INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          MT VERNON,IN                 MAHOMET,IL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          ROTORCRAFT - MISCELLANEOUS UNITS AND ASSEMBLIES  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
        REMARKS- SPRAY BOOMS NOT SECURED PROPERLY.FERRY FLIGHT.  SPRAY BOOM STRUCK MAIN ROTOR.


3-2229  7/23/79    CRAIGVILLE,IN        CESSNA 180           CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 56, 743
        TIME - 1950                     N1684C               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 1 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - THE LAZY K
        DEPARTURE POINT              INTENDED DESTINATION
          CRAIGVILLE,IN                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          PERSONNEL - MISCELLANEOUS-PERSONNEL  OTHER
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
        REMARKS- JUMPERS FAILED TO CLEAR R/W.A/C OWNED BY PARA CLUB.


3-2235  8/5/79     INDIANAPOLIS,IN      PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 43, 75 TOTAL
        TIME - 1330                     N6155H               PX-  0  0  2  PLEASURE/PERSONAL TRANSP    HOURS, 68 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - IND METROPOLITAN
        DEPARTURE POINT              INTENDED DESTINATION
          INDIANAPOLIS,IN              LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  RUNWAY OR APPROACH LIGHTS                  LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
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BRIEFS OF ACCIDENTS

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 FILE   DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                                  F  S M/N     PURPOSE
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3-2238  8/12/79    RICHMOND,IN             CESSNA 150M         CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 68, 63 TOTAL
        TIME - 2100                        N714MC              PX-  0  0  0  SOLO                       HOURS, 60 IN TYPE, NOT
                                           DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION        LAST ENROUTE STOP
          BROOKVILLE,OH                    BROOKVILLE,OH               AUBURN,IN
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLIDED WITH  TREES                                         LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          TERRAIN - HIGH VEGETATION
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                  LOW ON FUEL
                                  APPROACHING DARKNESS


3-2230  8/12/79    CROWN POINT,IN          PIPER PA-28         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 48, 610
        TIME - 1100                        N1981T              PX-  0  0  2  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 590 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        NAME OF AIRPORT - PRIVATE
        DEPARTURE POINT                  INTENDED DESTINATION
          CROWN POINT,IN                   CHICAGO,IL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          STALL  MUSH                                                  TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  CROP                                          TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PREMATURE LIFT-OFF
          PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
        REMARKS- OWNERS MANUAL STATES FOR SHORT FIELD TKOFS USE 2 NOTCHES OF FLAPS,TKOF ATTEMPTED W 1 NOTCH.


3-2228  8/15/79    SHELBYVILLE,IN          RAVEN RX-7          CR-  0  0  2  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
        TIME - 1935                        N5554S              PX-  0  0  1  DUAL                       AGE 48, 34 TOTAL HOURS,
                                           DAMAGE-DESTROYED    OT-  0  0  1                             ALL IN TYPE, NOT INSTRU-
                                                                                                        MENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
          SHELBYVILLE,IN                   LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                   LANDING  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  SPECTATOR
        FIRE AFTER IMPACT
        REMARKS- BALLOON BEING HOVER/TOWED TO FIELD FOR DEFLATION.OPN CONDUCTED AT SUNDOWN.SPEC HELPING REC BURNS.
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FILE   DATE         LOCATION            AIRCRAFT DATA          INJURIES       FLIGHT                          PILOT DATA
                                                               F  S M/N       PURPOSE

3-2237 8/24/79    EVANSVILLE,IN        PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 36, 804
       TIME - 0615                       N2088M             PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 17 IN TYPE,
                                         DAMAGE-DESTROYED                                           INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         EVANSVILLE,IN                   LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         OVERSHOOT                                                   LANDING  LEVEL OFF/TOUCHDOWN
         NOSE OVER/DOWN                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
       REMARKS- LANDED AT SHOPPING CENTER FOR STATIC DISPLAY.

3-2233 8/30/79    DELPHI,IN            CESSNA 172           CR-  0  0  1  INSTRUCTIONAL             STUDENT, AGE 20, 39 TOTAL
       TIME - 1100                       N5230R             PX-  0  0  0  SOLO                      HOURS, 26 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                         INSTRUMENT RATED.
       NAME OF AIRPORT - DELPHI MUNI
       DEPARTURE POINT                 INTENDED DESTINATION
         UNKNOWN/NOT REPORTED            DELPHI,IN
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                    LANDING  LEVEL OFF/TOUCHDOWN
         NOSE OVER/DOWN                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT SHOULDER

3-2234 8/30/79    INDIANAPOLIS,IN      CESSNA 177           CR-  0  0  1  NONCOMMERCIAL             PRIVATE, AGE 32, 74 TOTAL
       TIME - 1830                       N3108T             PX-  0  0  0  PLEASURE/PERSONAL TRANSP  HOURS, 3 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                         INSTRUMENT RATED.
       NAME OF AIRPORT - IND METROPOLITAN
       DEPARTURE POINT                 INTENDED DESTINATION
         INDIANAPOLIS,IN                 LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         HARD LANDING                                                LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE   DATE        LOCATION           AIRCRAFT DATA        INJURIES        FLIGHT                              PILOT DATA
                                                            F  S M/N       PURPOSE
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3-2388 9/16/79    BLUFFTON,IN        PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 75, 805
       TIME - 1540                   N5198W               PX-  0  0  4  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 300 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         BLUFFTON,IN                 LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2191 8/8/79   NR.INTRACSTL CITY.LA  BELL 206B           CR-  0  0  1  MISCELLANEOUS               COMMERCIAL, AGE 28, 957
       TIME - 1350                   N90171               PX-  0  0  0  FERRY                       TOTAL HOURS, 93 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - VERMILION BLK 39A
       DEPARTURE POINT             INTENDED DESTINATION
         INTRACSTL CITY,LA           LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ROLL OVER                                              TAXI  OTHER

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
         PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
       REMARKS- ROLLED OVER ON HELIPORT AFTER PLT OPENED DOOR FOR VENTILATION & WAS WATCHING MECH.COMP FLT PLAN.


3-2195 8/9/79     NEW ROADS,LA       CESSNA 150           CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 21, 14 TOTAL
       TIME - 0930                   N63342               PX-  0  0  0  SOLO                        HOURS, ALL IN TYPE, NOT
                                     DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - FALSE RIVER
       DEPARTURE POINT             INTENDED DESTINATION
         BATON ROUGE,LA              NEW ROADS,LA
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         OVERSHOOT                                              LANDING  LEVEL OFF/TOUCHDOWN
         GROUND-WATER LOOP-SWERVE                               LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2192	8/30/79 TIME - 1045	NR.MONTEREY.LA	GRUMMAN G-164B N6890K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 10000 TOTAL HOURS, 480 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MONTEREY.LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE BLOWER.IMPELLER ASSEMBLY
MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - WET.SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9900
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 35
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL.FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- BLOWER BEARING FAILED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2101	9/1/79 TIME - 2000	NR.INTERCOASTAL.LA	CESSNA T210P N6531P DAMAGE-DESTROYED	CR- 0 0 1 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 32, 3600 TOTAL HOURS, 286 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GULFPORT.MI
INTENDED DESTINATION
NEW ORLEANS.LA
TYPE OF ACCIDENT
DITCHING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- PLT STATED LOSS OF PITCH CONTROL.ACFT NOT RECOVERED.PAX NOT FOUND.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2194	9/6/79 TIME - 1530	WHITE CASTLE,LA	PIPER PA-25 N77597 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 2343 TOTAL HOURS, 911 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WHITE CASTLE CO-O
DEPARTURE POINT — WHITE CASTLE,LA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT -PULLUP FROM SWATH RUN
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1934
KIND OF CROP - BEANS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 56
PROCEDURE TURNAROUND - FIRST 1/3 TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2146	9/12/79 TIME - 0815	BATON ROUGE,LA	PIPER PA-28 N3030S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 45, 415 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RYAN
DEPARTURE POINT — BATON ROUGE,LA
INTENDED DESTINATION — PATTERSON,LA
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
TAXI TO TAKEOFF

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- COLLIDE W PAVING MACHINE WHILE STOPPING FOR CONSTRUCTION DITCH IN TWY.NO BARRICADES ON TWY.

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FILE    DATE        LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-2193  9/13/79     SHREVEPORT,LA       BOEING PT-17           CR-  0  0  1  COMMERCIAL                      COMMERCIAL, AGE 56, 20000
        TIME - 1210                     N63804                 PX-  0  0  0  ASSOC CROP CTL ACTIVITY         TOTAL HOURS, 8000 IN
                                        DAMAGE-SUBSTANTIAL                                                   TYPE, NOT INSTRUMENT
                                                                                                             RATED.
        NAME OF AIRPORT - NAYLOR
        DEPARTURE POINT               INTENDED DESTINATION
          SHREVEPORT,LA                 LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GEAR COLLAPSED                                          LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 9999                    KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - COTTON                                 TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED              GLOVES - USED
          GOGGLES - USED                                        CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                      CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT               TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  203              SWATH RUN-HOW FLOWN - CROSSWIND
        REMARKS- LEFT MAIN GEAR COLLAPSED.


3-2370  10/9/79     E TIMBALIER IS,LA   CESSNA 185F            CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 23, 3776
        TIME - 1430                     N5074R                 PX-  0  0  1  BUSINESS                        TOTAL HOURS, 687 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          HOUMA,LA                      E TIMBALIER IS,LA
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          NOSE OVER/DOWN                                          TAXI  FROM LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - OTHER
        REMARKS- COLLIDED WITH SAND BAR IN OPEN BAY AREA WHILE WATER TAXI AFTER LANDING.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                           PILOT DATA
                                                                F  S M/N      PURPOSE

3-2222  7/9/79     TURNER,ME             ERCO 415-C           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 43, 100
        TIME - 1840                      N99249               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 6 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          TURNER,ME                      PORTLAND,ME
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE-FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          GEAR COLLAPSED                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2220  7/20/79    KENTS HILL,ME         CESSNA 120           CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL, AGE 33, 531
        TIME - 1430                      N3138N               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 33 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - KENT HILL
        DEPARTURE POINT                 INTENDED DESTINATION
          KENTS HILL,ME                  LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                      LANDING  ROLL
          GEAR COLLAPSED                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- RIGHT BRAKE PUCKS GLAZED.


3-2219  7/23/79    SPRUCE HEAD,ME        PIPER PA-18          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 36, 259
        TIME - 0845                      N31947               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 128 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - OCEAN
        DEPARTURE POINT                 INTENDED DESTINATION
          SPRUCE HEAD,ME                 LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                      TAKEOFF  RUN
          GEAR COLLAPSED                                                TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH WATER
        REMARKS- FLOAT EQUIPPED.
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FILE    DATE           LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                       PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2221  8/1/79   NR.GREENVILLE,ME      CESSNA 180           CR-  0  0  1  COMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1100                    N2715K               PX-  0  0  1  AIR TAXI-PASSG           AGE 25, 1789 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                          300 IN TYPE, INSTRUMENT
                                                                                                   RATED.
        NAME OF AIRPORT - NORTH EAST CARRY
        DEPARTURE POINT             INTENDED DESTINATION
         GREENVILLE,ME                RETURN
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          HARD LANDING                                                LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                              LANDING  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - RAIN
          WEATHER - FOG
          TERRAIN - GLASSY WATER
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        WEATHER BRIEFING - OTHER
        WEATHER FORECAST - UNKNOWN/NOT REPORTED
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  ADVERSE/UNFAVORABLE WEATHER

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                        500
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          2 MILES OR LESS                                             RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     RELATIVE BEARING OF WIND
          FOG                                                         CALM
        WIND VELOCITY-KNOTS                                         TYPE OF WEATHER CONDITIONS
          CALM                                                        VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- FLOAT EQUIPPED.LNDD 20NM N OF GREENVILLE IN LAKE.WX FRM FOLSOM'S CHIEF PLT.


3-2227  8/4/79      MARS HILL,ME       BENSON B8MVW         CR-  0  0  1  NONCOMMERCIAL            PRIVATE, AGE 58, 151
        TIME - 1920                    N1182                PX-  0  0  0  PLEASURE/PERSONAL TRANSP TOTAL HOURS, 81 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MARS HILL
        DEPARTURE POINT             INTENDED DESTINATION
          MARS HILL,ME                LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  CROP                                         LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                               F  S M/N     PURPOSE

3-2226  8/18/79    ELIOT,ME             CESSNA 150          CR-  0  0  1  INSTRUCTIONAL             STUDENT, AGE 47, 13 TOTAL
        TIME - 1500                     N9338U              PX-  0  0  0  SOLO                      HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
        NAME OF AIRPORT - LITTLEBROOK
        DEPARTURE POINT              INTENDED DESTINATION
          ELIOT,ME                     LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-2218  9/10/79    GREENVILLE,ME        CESSNA 172          CR-  0  0  1  NONCOMMERCIAL             COMMERCIAL, AGE 26, 2841
        TIME - 1545                     N12736              PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 1486 IN
                                        DAMAGE-SUBSTANTIAL                                          TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - GREENVILLE BAY
        DEPARTURE POINT              INTENDED DESTINATION
          GREENVILLE,ME                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          DRAGGED WINGTIP,POD,OR FLOAT                              TAKEOFF  RUN
          NOSE OVER/DOWN                                            TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          TERRAIN - ROUGH WATER
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        WEATHER BRIEFING - UNKNOWN/NOT REPORTED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                      UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
          NONE                                                      UNKNOWN/NOT REPORTED
        WIND DIRECTION-DEGREES                                    TYPE OF WEATHER CONDITIONS
          180                                                       VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- WINDS GUSTING TO 25 KNOTS.FLOAT EQUIPPED.
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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES         FLIGHT                          PILOT DATA
                                                                F  S M/N        PURPOSE

3-2203  9/17/79    GAITHERSBURG,MD     HUGHES 269B          CR-  0  0  2  INSTRUCTIONAL               ATP,FLIGHT INSTR., AGE
        TIME - 1820                    N9482F               PX-  0  0  0  DUAL                        46, 5547 TOTAL HOURS, 197
                                       DAMAGE-SUBSTANTIAL                                             IN TYPE, INSTRUMENT
                                                                                                      RATED.
        NAME OF AIRPORT - MONTGOMERY COUNTY
        DEPARTURE POINT              INTENDED DESTINATION
          GAITHERSBURG,MD              LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          DUAL STUDENT - IMPROPER OPERATION OF FLIGHT CONTROLS
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
        FACTOR(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        REMARKS- PRACTICE FULL AUTOROTATION,BOTH PLTS ON CTLS.PULLED AFT CYCLIC AFTER T/D.MN ROTOR SEVERED TAILBOOM


3-2202  9/18/79    STEVENSVILLE,MD     PIPER PA-18          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 60, 230
        TIME - 1200                    N7233K               PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 120 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BAY BRIDGE
        DEPARTURE POINT              INTENDED DESTINATION
          STEVENSVILLE,MD              LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 LANDING  ROLL
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
        WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          CLEAR                                                    UNLIMITED
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                     NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  RELATIVE BEARING OF WIND
          NONE                                                     LEFT CROSS WIND 248-292 DEGREES
        TEMPERATURE-F                                            WIND DIRECTION-DEGREES
          80                                                       180
        WIND VELOCITY-KNOTS                                      TYPE OF WEATHER CONDITIONS
          12                                                       VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- NOTED STRONG L X-WIND,T/D WITH X-WIND CORR.ENCTRD L GUST.WX-COCKED,RAN OFF SIDE OF RWY-GUSTS 18KTS
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2148	7/19/79 TIME - 0118	NANTUCKET,MA	CESSNA 402 N5419M DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 49, 2624 TOTAL HOURS, 156 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NANTUCKET
DEPARTURE POINT
  BOSTON,MA
INTENDED DESTINATION
  NANTUCKET,MA
TYPE OF ACCIDENT
  HARD LANDING
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
  WEATHER - LOW CEILING
  WEATHER - FOG

SKY CONDITION
  OBSCURATION
CEILING AT ACCIDENT SITE
  500
VISIBILITY AT ACCIDENT SITE
  1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
WIND DIRECTION-DEGREES
  190
WIND VELOCITY-KNOTS
  5
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  IFR
REMARKS- PIC ON DUTY OVER 15HRS.FLEW 8.2HRS IN IFR CONDITIONS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2150	7/30/79 TIME - 1830	NORTH ANDOVER,MA	CESSNA 150 N10796 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 22, 43 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAWRENCE
DEPARTURE POINT
  NORTH ANDOVER,MA
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
  PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2149	8/18/79 TIME - 1242	PLYMOUTH,MA	BELLANCA 8GCBC N50548 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS TOWING GLIDERS	COMMERCIAL, AGE 32, 4025 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PLYMOUTH
DEPARTURE POINT: PLYMOUTH,MA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF ABORTED

PROBABLE CAUSE(S)
POWERPLANT - EXHAUST SYSTEM MANIFOLDS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- PLT TOLD PAX TO RELEASE GLIDER.PAX LOWERED FLAPS INSTEAD.#2,3,&4 EXHAUST RISERS FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2288	6/24/79 TIME - 1530	ALBION,MI	ENSTROM F-28A N4883 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 518 TOTAL HOURS, 203 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: ALBION,MI
INTENDED DESTINATION: MARSHALL,MI
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2291	8/7/79 TIME - 2000	NEW HUDSON,MI	CESSNA 150M N9287U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 16, 19 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OAKLAND SOUTH
DEPARTURE POINT: NEW HUDSON,MI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                                PILOT DATA
                                                                F  S M/N     PURPOSE

3-2293  8/12/79    OWOSSO,MI             MAULE M-5           CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 41, 330
        TIME - 1630                      N9177E              PX-  0  2  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 260 IN TYPE,
                                         DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - STODOLA
        DEPARTURE POINT               INTENDED DESTINATION
          OWOSSO,MI                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                     TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  SELECTOR VALVES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2289  8/12/79    TECUMSEH,MI           CESSNA 182          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 51, 1753
        TIME - 1430                      N3939Q              PX-  0  0  0  BUSINESS                   TOTAL HOURS, 1305 IN
                                         DAMAGE-SUBSTANTIAL                                           TYPE, NOT INSTRUMENT
                                                                                                      RATED.
        NAME OF AIRPORT - AL MEYERS
        DEPARTURE POINT               INTENDED DESTINATION
          UNKNOWN/NOT REPORTED          TECUMSEH,MI
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GEAR COLLAPSED                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE


3-2301  8/16/79    HARBOR SPRINGS,MI     PIPER PA-32R        CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 40, 370
        TIME - 2135                      N6145J              PX-  0  0  4  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 100 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HARBOR SPRINGS
        DEPARTURE POINT               INTENDED DESTINATION
          MACKINAC IS,MI                HARBOR SPRINGS,MI
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2294	8/20/79 TIME - 2130	GROSSE ILE,MI	HUGHES 369HS N9034F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 43, 105 TOTAL HOURS, 66 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GROSSE ILE
DEPARTURE POINT — INTENDED DESTINATION
PONTIAC,MI — GROSSE ILE,MI
TYPE OF ACCIDENT
COLLIDED WITH BUILDING(S)
PHASE OF OPERATION
TAXI GROUND TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
REMARKS- HANGER DOOR & 2 AIRCRAFT DAMAGED.STU PLT ATTEMPTED TO REPOSITION ACFT INSIDE HANGER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2299	8/26/79 TIME - 1630	HARRISVILLE,MI	GRUMMAN AA1B N9942L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 118 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HARRISVILLE
DEPARTURE POINT — INTENDED DESTINATION
LANSING,MI — HARRISVILLE,MI
TYPE OF ACCIDENT
HARD LANDING
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2298	8/30/79 TIME - 0900	STANTON,MI	SIKORSKY S-55B N6737 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 32, 4165 TOTAL HOURS, 1581 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
STANTON,MI
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE MAIN ROTOR
HARD LANDING
PHASE OF OPERATION
IN FLIGHT EN ROUTE TO TREAT CROP
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR BRAKE ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
MISCELLANEOUS ACTS,CONDITIONS - MISSING
MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
SUSPECTED OR KNOWN AIRCRAFT DAMAGE
AI' RAME BUFFET

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - POTATOES
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
TANK/HOPPER-LOCATION - AFT OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 600
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- 7 OF 8 NUTS & WASHERS MISSING FROM COUPLING BETWEEN BRAKE DRUM,P/N 314-35-3116,& DRIVE SHAFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2287	9/1/79 TIME - 1045	DETROIT,MI	CESSNA 152 N25800 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 27, 396 TOTAL HOURS, 196 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
FRASER,MI
INTENDED DESTINATION
DETROIT,MI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2292	9/1/79 TIME - 1800	SELKIRK,MI	PIPER PA-22 N8824D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 107 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - THOMPSON
DEPARTURE POINT — PONTIAC,MI
INTENDED DESTINATION — SELKIRK,MI
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; COLLIDED WITH TREES
PHASE OF OPERATION — LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2296	9/2/79 TIME - 1833	HUDSON,MI	PIPER PA-28R N54425 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 22, 620 TOTAL HOURS, 165 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MOORE
DEPARTURE POINT — HUDSON,MI
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 85
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- GEAR MALFUNCTIONED DURING PRIOR FLT.PLT STATED GEAR OVERRIDE SWITCH HARD TO OPERATE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2290	9/3/79 TIME - 2015	DETROIT,MI	BEECH 35 N3712N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 44, 9648 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ELYRIA,OH
INTENDED DESTINATION
SALEM,MI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
WHEELS-UP
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM OTHER
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- AN 816-4D NIPPLE USED TO SUPPORT PRIMER SOLENOID VALVE FAILED-THREADED AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2297	9/4/79 TIME - 1930	DEFORD,MI	AERONCA 7AC N85188 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 38, 220 TOTAL HOURS, 39 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
DEFORD,MI
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
64
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2295	9/8/79 TIME - 1000	DEXTER,MI	CESSNA 180 N4750U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 65, 4500 TOTAL HOURS, 2036 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROCKMAN
DEPARTURE POINT — LANSING,MI
INTENDED DESTINATION — DEXTER,MI
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2302	10/9/79 TIME - 1930	CHEBOYGAN,MI	ERCO 415-C N2150H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL OTHER	PRIVATE, AGE 48, 1650 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHEBOYGAN CITY-CO
DEPARTURE POINT — CHEBOYGAN,MI
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  HARD LANDING
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE
  PILOT IN COMMAND - IMPROPER LEVEL OFF
REMARKS- AIRCRAFT CHECK OUT.DEMONSTRATING RAPID DESCENT.

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES         FLIGHT                                PILOT DATA
                                                                 F  S M/N        PURPOSE

3-2392 8/20/79  NR.WATER VALLEY,MS     CESSNA 188            CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 30, 1500
       TIME - 1230                     N1586M                PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, 1000 IN
                                       DAMAGE-DESTROYED                                                TYPE, INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        WATER VALLEY,MS                LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         STALL  MUSH                                                   TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         WEATHER - HIGH DENSITY ALTITUDE

       SKY CONDITION                                                 CEILING AT ACCIDENT SITE
         CLEAR                                                         UNLIMITED
       VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                          NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TYPE OF WEATHER CONDITIONS
         NONE                                                          VFR
       TYPE OF FLIGHT PLAN
         NONE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED            KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - BEANS                                          TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                         GLOVES - NOT USED
         GOGGLES - NOT USED                                            CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                                  CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                       ELEVATION-AREA BEING TREATED-FEET -  350
       REMARKS- ROAD UNDER CONSTRUCTION USED FOR RWY.60FT TREE LINE AT DEP END.DA APRX 2300FT.


3-2393 8/28/79  NR.NITTA YUMA,MS       CESSNA A188B          CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 40, 4800
       TIME - 1630                     N731VL                PX-  0  0  0  AERIAL APPLICATION          TOTAL HOURS, 800 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        NITTA YUMA,MS                  LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                    IN FLIGHT  SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 4200                            KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - COTTON                                         TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                      GLOVES - NOT USED
         GOGGLES - NOT USED                                            CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                                  CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                       TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  108                      SWATH RUN-HOW FLOWN - CROSSWIND
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FILE    DATE            LOCATION              AIRCRAFT DATA        INJURIES       FLIGHT                        PILOT DATA
                                                                   F  S M/N      PURPOSE

3-2391  10/2/79     BELZONI,MS            BELLANCA 7GCAA       CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 38, 1240
        TIME - 1730                       N86632               PX-  0  0  0  ASSOC FIRE CTL ACTIVITY       TOTAL HOURS, 25 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - ISOLA STRIP
        DEPARTURE POINT                 INTENDED DESTINATION
          ISOLA,MS                        BELZONI,MS
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLIDED WITH  DIRT BANK                                     IN FLIGHT  SURVEY FIELD/AREA

        PROBABLE CAUSE(S)
          MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        REMARKS- PLT ATTEMPTED TO FLY UNDER FLOCK OF DUCKS.


3-2386  8/31/79     DUCKWATER,NV          ENSTROM 280C         CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 42, 134
        TIME - 1530                       N562H                PX-  0  0  1  BUSINESS                      TOTAL HOURS, 9 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          DUCKWATER,NV                    LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                      LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          WEATHER - HIGH DENSITY ALTITUDE

        SKY CONDITION                                                CEILING AT ACCIDENT SITE
          CLEAR                                                        UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                  PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                         NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                      TEMPERATURE-F
          NONE                                                         80
        WIND DIRECTION-DEGREES                                       WIND VELOCITY-KNOTS
          160                                                          10
        TYPE OF WEATHER CONDITIONS                                   TYPE OF FLIGHT PLAN
          VFR                                                          NONE
        REMARKS- LOST ENG & ROTOR RPM.DENSITY ALT APRX 7600FT.


3-2384  9/14/79     RENO,NV               SCHULTZ SL-1         CR-  1  0  0  MISCELLANEOUS                 ATP,FLIGHT INSTR., AGE
        TIME - 1400                       N9SL                 PX-  0  0  0  AIR SHOW/RACING               41, UNK/NR TOTAL HOURS,
                                          DAMAGE-DESTROYED                                                 56 IN TYPE, INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - RENO-STEAD
        DEPARTURE POINT                 INTENDED DESTINATION
          RENO,NV                         LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                    IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          MISCELLANEOUS - VORTEX TURBULENCE
        REMARKS- PYLON RACING.CRASHED DRG 1ST PYLON TURN.
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FILE    DATE         LOCATION          AIRCRAFT DATA         INJURIES      FLIGHT                              PILOT DATA
                                                              F  S M/N     PURPOSE

3-2152  9/9/79     KEENE,NH            CESSNA 172            CR-  0  0  1  NONCOMMERCIAL                       PRIVATE, AGE 53, 98 TOTAL
        TIME - 2245                    N20613                PX-  0  0  1  PLEASURE/PERSONAL TRANSP            HOURS, 20 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                                      INSTRUMENT RATED.
        NAME OF AIRPORT - KEENE
        DEPARTURE POINT              INTENDED DESTINATION
          LEHIGHTON,PA                 KEENE,NH
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          UNDERSHOOT                                                LANDING  FINAL APPROACH
          NOSE OVER/DOWN                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND


3-2179  3/21/79    LUMBERTON,NJ        CESSNA 337G           CR-  0  0  2  INSTRUCTIONAL                       ATP,FLIGHT INSTR., AGE
        TIME - 1520                    N53694                PX-  0  0  1  DUAL                                35, 7023 TOTAL HOURS, 15
                                       DAMAGE-SUBSTANTIAL                                                      IN TYPE, INSTRUMENT
                                                                                                               RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          PHILADELPHIA,PA              LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
          DUAL STUDENT - SPONTANEOUS-IMPROPER ACTION
          MISCELLANEOUS ACTS,CONDITIONS - FEATHERED WRONG ENGINE
          MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES


3-2181  6/12/79    WOODLINE,NJ         CESSNA 172N           CR-  0  0  1  NONCOMMERCIAL                       PRIVATE, AGE 21, 134
        TIME - 1530                    N738YD                PX-  0  0  1  PLEASURE/PERSONAL TRANSP            TOTAL HOURS, 3 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                      NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WOODLINE
        DEPARTURE POINT              INTENDED DESTINATION
         UNKNOWN/NOT REPORTED          UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  AIRPORT HAZARD                             TAXI  FROM LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
        REMARKS- HIT HOLD IN MARKED CLOSED RUNWAY.
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FILE   DATE         LOCATION          AIRCRAFT DATA         INJURIES    FLIGHT                      PILOT DATA
                                                            F  S M/N    PURPOSE

3-2180 6/15/79   CEDARVILLE,NJ      CESSNA A188B          CR-  0  0  1  COMMERCIAL              COMMERCIAL, AGE 52, 1200
       TIME - 0640                  N6443G                PX-  0  0  0  AERIAL APPLICATION      TOTAL HOURS, 500 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       DEPARTURE POINT            INTENDED DESTINATION
         CEDARVILLE,NJ              LOCAL
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLIDED WITH  TREES                                  IN FLIGHT  PULLUP FROM SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED CLEARANCE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 1200                  KIND OF OPERATION - DUSTING CROPS
         KIND OF CROP - CORN                                 TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         GLOVES - USED                                       GOGGLES - USED
         CRASH HELMET - AVAILABLE USED                       CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT             TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  3              SWATH RUN-HOW FLOWN - WIND CALM


3-2176 7/5/79     TETERBORO,NJ      PIPER PA-30           CR-  0  0  1  NONCOMMERCIAL           COMMERCIAL, AGE 26, 430
       TIME - 1700                  N77324                PX-  0  0  0  PLEASURE/PERSONAL TRANSP TOTAL HOURS, 150 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       NAME OF AIRPORT - TETERBORO
       DEPARTURE POINT            INTENDED DESTINATION
         CHICAGO,IL                 TETERBORO,NJ
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                              LANDING  ROLL
         COLLIDED WITH  DITCHES                                LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
       FACTOR(S)
         WEATHER - UNFAVORABLE WIND CONDITIONS

       SKY CONDITION                                         CEILING AT ACCIDENT SITE
         CLEAR                                                 UNLIMITED
       VISIBILITY AT ACCIDENT SITE                           PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                  NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE               WIND DIRECTION-DEGREES
         NONE                                                  300
       WIND VELOCITY-KNOTS                                   TYPE OF WEATHER CONDITIONS
         15                                                    VFR
       TYPE OF FLIGHT PLAN
         NONE
       REMARKS- WIND GUSTS TO 22KTS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2178	7/29/79 TIME - 1940	OCEAN CITY,NJ	CESSNA 172 N9843V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 73 TOTAL HOURS, 17 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OCEAN CITY
DEPARTURE POINT: OCEAN CITY,NJ
INTENDED DESTINATION: BALTIMORE,MD
TYPE OF ACCIDENT
- HARD LANDING
- COLLIDED WITH DIRT BANK

PHASE OF OPERATION
- LANDING LEVEL OFF/TOUCHDOWN
- LANDING GO-AROUND

PROBABLE CAUSE(S)
- PILOT IN COMMAND - IMPROPER LEVEL OFF
- PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
- PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND

EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
ADVERSE/UNFAVORABLE WEATHER
REMARKS- R WING STRUCK A DIRT MOUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2177	8/19/79 TIME - 1850	SUSSEX,NJ	CESSNA 170A N9902A DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 37, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SUSSEX
DEPARTURE POINT: SUSSEX,NJ
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
- STALL

PHASE OF OPERATION
- TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
- PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
- MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT

REMARKS- STUDENT PLT CERTIFICATE EXPIRED 9/30/74.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2182	9/8/79 TIME - 1630	PITTSTOWN,NJ	AERO CMDR 112TC N4537W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS DEMONSTRATION	COMMERCIAL, AGE 29, 1100 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ALEXANDRIA FIELD
DEPARTURE POINT: PITTSTOWN,NJ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
- ENGINE FAILURE OR MALFUNCTION
- GEAR COLLAPSED

PHASE OF OPERATION
- TAKEOFF INITIAL CLIMB
- LANDING ROLL

PROBABLE CAUSE(S)
- POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
- MISCELLANEOUS ACTS,CONDITIONS - STUCK

FACTOR(S)
- MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS-'LEAD BUILD-UP ON NR 2 CYL INTAKE VALVE.LNDD IN OPEN AREA ON ARPT PROPERTY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2197	4/12/79 TIME - 0945	NR.CARRIZOZO,NM	PIPER PA-32 N6309C DAMAGE-DESTROYED	CR- 2 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 33, 1923 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
CARRIZOZO,NM
INTENDED DESTINATION
ALBUQUERQUE,NM.
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - SNOW
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
9000
VISIBILITY AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
SNOW, SNOW SHOWERS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
BLOWING SNOW
WIND DIRECTION-DEGREES
270
WIND VELOCITY-KNOTS
35
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
OTHER
REMARKS- HIT MOUNTAIN.IFR FLT PLAN NOT ACTIVATED.RECOVERY DATE 4/13/79.MTNS OBS BY CLOUDS & BLOWING SNOW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2196	6/26/79 TIME - 0540	NR.HUMBLE CITY.NM	LOCKHEED PV-2 N7253C DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, 11000 TOTAL HOURS, 1800 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ABANDONED ARMY
DEPARTURE POINT — LOVINGTON.NM
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  WHEELS-UP
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - PROPELLER AND ACCESSORIES GOVERNORS
  POWERPLANT - MISCELLANEOUS DETONATION
  MISCELLANEOUS ACTS,CONDITIONS - OIL CONTAMINATION
  MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
  KIND OF CROP - OTHER
  PILOT'S SEAT BELT - FASTENED-PROPERLY
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - OTHER
  ELEVATION-AREA BEING TREATED-FEET - 3600
  KIND OF OPERATION - OTHER
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - NOT USED
  CRASH HELMET - NOT AVAILABLE
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
REMARKS- L ENG RPM SURGE.FEATHERED.METAL FLAKES FOUND IN PROP GOV OIL.R ENG LOST PWR 5MIN LATER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2198	7/14/79 TIME - 1030	ALBUQUERQUE.NM	CESSNA 172 N1695F DAMAGE-SUBSTANTIAL	CR- 1 1 0 PX- 0 0 0 OT- 0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 49, 1019 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CORONADO
DEPARTURE POINT — ALBUQUERQUE.NM
INTENDED DESTINATION — ALBUQUERQUE.NM
TYPE OF ACCIDENT
  COLLISION WITH AIRCRAFT ONE AIRBORNE
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

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FILE   DATE          LOCATION              AIRCRAFT DATA         INJURIES     FLIGHT                           PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2198 7/14/79    ALBUQUERQUE,NM          STEARMAN N2S          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 30, 411
       TIME - 1030                        N4408N                PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 6 IN TYPE,
                                          DAMAGE-MINOR          OT-  1  1  0                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - CORONADO
       DEPARTURE POINT                 INTENDED DESTINATION
         ALBUQUERQUE,NM                  ALBUQUERQUE,NM
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLISION WITH AIRCRAFT  ONE AIRBORNE                      LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT


3-2168 5/6/79     MONSEY,NY               PIPER PA-28R          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 34, 288
       TIME - 1630                        N453LT                PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, ALL IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         SPRING VALLEY,NY                SUSSEX,NJ
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  OBJECT                                      LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - FUEL SYSTEM  FILTERS,STRAINERS,SCREENS
         MISCELLANEOUS ACTS,CONDITIONS - WRONG PART
         MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
         TERRAIN - HIGH OBSTRUCTIONS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- OWNER INSTALLED AVI QUICK DRAIN VALVE PN 71C-41. DRAIN OPEN WHEN NOSE RETRACTED. STRUCK OVERPASS.


3-2165 7/8/79     FLUSHING,NY             N-AMERICAN SNJ-2      CR-  0  0  1  COMMERCIAL                   ATP,FLIGHT INSTR., AGE
       TIME - 2015                        N52033                PX-  0  0  0  AERIAL ADVERTISING           34, 5380 TOTAL HOURS, 260
                                          DAMAGE-MINOR          OT-  0  0  3                               IN TYPE, INSTRUMENT
                                                                                                           RATED.
       NAME OF AIRPORT - FLUSHING
       DEPARTURE POINT                 INTENDED DESTINATION
         FLUSHING,NY                     LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLISION WITH AIRCRAFT  BOTH ON GROUND                    TAXI  FROM LANDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED CLEARANCE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETC.-RESTRICTED VISION
       REMARKS- #4 OF FLT OF 5 SNJ'S TAXIING TO PARKING.PROP BLAST BLEW DIRT ACROSS PATH OBSCURING PA-23.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2165	7/8/79 TIME - 2015	FLUSHING,NY	PIPER PA-23 N5035Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2 OT- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 21, 2100 TOTAL HOURS, 103 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FLUSHING
DEPARTURE POINT
BLOCK ISLAND,RI
INTENDED DESTINATION
BLOCK ISLAND,RI
LAST ENROUTE STOP
FLUSHING,NY
TYPE OF ACCIDENT
COLLISION WITH AIRCRAFT BOTH ON GROUND
PHASE OF OPERATION
STATIC IDLING ENGINE(S)

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2167	7/21/79 TIME - 0905	PAVILION,NY	AERO COMDR 560A N2748B DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS PARAJUMP-AIR SHOW	COMMERCIAL, AGE 49, 4405 TOTAL HOURS, 217 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BATEMAN
DEPARTURE POINT
PAVILION,NY
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
TERRAIN - HIGH VEGETATION
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- EXHAUST VALVE,NR 2 CYLINDER,RT ENGINE FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2162	7/29/79 TIME - 1200	MATTITUCK,NY	BEECH C23 N60045 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 115 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MATTITUCK
DEPARTURE POINT
FARMINGDALE,NY
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

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FILE    DATE              LOCATION             AIRCRAFT DATA          INJURIES        FLIGHT                          PILOT DATA
                                                                      F  S M/N        PURPOSE

3-2163  8/6/79       SCHUYLERVILLE,NY      PIPER PA-25            CR-  0  0  1   COMMERCIAL                    COMMERCIAL, AGE 33, 3250
        TIME - 1415                        N9838P                 PX-  0  0  0   ASSOC CROP CTL ACTIVITY       TOTAL HOURS, 690 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                  INSTRUMENT RATED.
        NAME OF AIRPORT - GARNSEY
        DEPARTURE POINT                 INTENDED DESTINATION
          SCHUYLERVILLE,NY                LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          STALL                                                        TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
          WEATHER - UNFAVORABLE WIND CONDITIONS
        WEATHER BRIEFING - UNKNOWN/NOT REPORTED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                                CEILING AT ACCIDENT SITE
          SCATTERED                                                    UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                  PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                         NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                      TEMPERATURE-F
          HAZE                                                         78
        WIND DIRECTION-DEGREES                                       WIND VELOCITY-KNOTS
          330                                                          14
        TYPE OF WEATHER CONDITIONS                                   TYPE OF FLIGHT PLAN
          VFR                                                          NONE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 1415                           KIND OF OPERATION - SEEDING CROPS
          KIND OF CROP - PASTURE                                       PILOT'S SEAT BELT - FASTENED-PROPERLY
          GLOVES - NOT USED                                            GOGGLES - NOT USED
          CRASH HELMET - AVAILABLE USED                                COCKPIT CRASHPAD - INSTALLED
          CRASH BAR - INSTALLED                                        TANK/HOPPER-LOCATION - FORWARD OF PILOT
        REMARKS- WIND GUSTS TO 23KTS.


3-2161  8/8/79       SHIRLEY,NY            FLYBABY 1B             CR-  0  0  1   NONCOMMERCIAL                 PRIVATE, AGE 57, 340
        TIME - 1410                        N78EP                  PX-  0  0  0   PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 1 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BROOKHAVEN
        DEPARTURE POINT                 INTENDED DESTINATION
          SHIRLEY,NY                      LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          HARD LANDING                                                 LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                               LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2159	8/15/79 TIME - 1700	NEW PALTZ,NY	BEECH 023 N6047C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 161 TOTAL HOURS, 42 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STANTON
DEPARTURE POINT: NEW PALTZ,NY
INTENDED DESTINATION: RETURN
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2158	8/24/79 TIME - 2130	NR.WELLSVILLE,NY	PIPER PA-24 N9232P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 30, 470 TOTAL HOURS, 45 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: SIDNEY,NY
INTENDED DESTINATION: ERIE,PA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - LUBRICATING SYSTEM SEALS AND GASKETS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
FACTOR(S)
TERRAIN - HIDDEN OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- O RING QUICK DRAIN PN CAA1917 FAILED.AIRCRAFT COLLIDED WITH HIDDEN STEEL PIPES IN LANDING AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2160	9/1/79 TIME - 1645	ALEXANDRIA BAY,NY	CESSNA 172 N64255 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 141 TOTAL HOURS, 48 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - THOUSAND ISLAND
DEPARTURE POINT: SYRACUSE,NY
INTENDED DESTINATION: ALEXANDRIA BAY,NY
TYPE OF ACCIDENT: OVERSHOOT; NOSE OVER/DOWN
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- ROLLED DWN A SLOPE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2164	9/2/79 TIME - 1210	SHINHOPPLE,NY	CESSNA 172 N5980R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 95 TOTAL HOURS, 59 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DOWNSVILLE
DEPARTURE POINT: WESTVILLE,NY
INTENDED DESTINATION: PITTSTOWN,NJ
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
WEATHER - RAIN
WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION: UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE: 3000
VISIBILITY AT ACCIDENT SITE: UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE: RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: HAZE
WIND DIRECTION-DEGREES: 225
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- LACK OF FWD VIS.LNDD IN CORN FLD.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                              F  S M/N     PURPOSE

3-2166  10/4/79    JAMAICA,NY           PIPER PA-23         CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 23, 1575
        TIME - 1650                     N5767Y              PX-  0  0  2  AIR TAXI-PASSG             TOTAL HOURS, 215 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                        INSTRUMENT RATED.
        NAME OF AIRPORT - JFK INTERNATIONAL
        DEPARTURE POINT                 INTENDED DESTINATION
          BARRINGTON,MA                   JAMAICA,NY
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-2154  9/12/79  NR.CASHIERS,NC         PIPER PA-28         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 20, 191
        TIME - 1945                     N41413              PX-  1  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 132 IN TYPE,
                                          DAMAGE-DESTROYED                                          NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          CHATTANOOGA,TN                  SPARTANBURG,SC
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          WEATHER - LOW CEILING
        WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          OVERCAST                                                  2700
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          ZERO                                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TYPE OF WEATHER CONDITIONS
          FOG                                                       IFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- MOUNTAINTOPS OBSCURED.
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FILE   DATE          LOCATION           AIRCRAFT DATA          INJURIES      FLIGHT                        PILOT DATA
                                                                F  S M/N     PURPOSE

3-2278 6/3/79     CARROLLTON,OH        BELL 47G-2A           CR-  0  1  0  COMMERCIAL
       TIME - 1215                     N7575                 PX-  0  0  0  ASSOC CROP CTL ACTIVITY   COMMERCIAL, AGE 32, 4227
                                       DAMAGE-SUBSTANTIAL                                            TOTAL HOURS, UNK/NR IN
                                                                                                     TYPE, NOT INSTRUMENT
       DEPARTURE POINT              INTENDED DESTINATION                                             RATED.
         CARROLLTON,OH                 LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                  IN FLIGHT  EN ROUTE TO TREAT CROP

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED        KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - CORN                                       TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                     GLOVES - USED
         GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                          CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - SIDES                              TERRAIN-TYPE - ROLLING
         ELEVATION-AREA BEING TREATED-FEET -  1200                 SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED


3-2283 6/15/79    BROOKPARK,OH         CESSNA 182P           CR-  0  0  1  NONCOMMERCIAL
       TIME - 1652                     N1977M                PX-  0  0  0  PLEASURE/PERSONAL TRANSP  COMMERCIAL, FL.INSTR.,
                                       DAMAGE-SUBSTANTIAL                                            AGE 28, 518 TOTAL HOURS,
                                                                                                     159 IN TYPE, INSTRUMENT
       DEPARTURE POINT              INTENDED DESTINATION                                             RATED.
         ROCKFORD,IL                   YOUNGSTOWN,OH
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  AUTOMOBILE                                   LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - FUEL SYSTEM  VENTS,DRAINS,TANK CAPS
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL SIPHONING
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- HALF MOON WASHER INSTALLED UNDER LOCKING SHAFT SPRING TENSION NUT INSTEAD OF AT OPPOSITE END SHAFT
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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                               PILOT DATA
                                                             F  S M/N     PURPOSE

3-2277 6/17/79    YOUNGSTOWN,OH        CESSNA 172K          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 35, 372
       TIME - 2300                     N79516               PX-  0  0  3  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 28 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - YOUNGSTOWN MUNI
       DEPARTURE POINT               INTENDED DESTINATION
         YOUNGSTOWN,OH                 DAYTON,OH
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  TAKEOFF  ABORTED
         GEAR COLLAPSED                                            TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-2279 6/24/79    BUCYRUS,OH           CESSNA 210J          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 53, 2200
       TIME - 1740                     N777AM               PX-  0  0  3  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 900 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         BUCYRUS,OH                    LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
         COLLIDED WITH  CROP                                       LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
         MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
         MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
       FACTOR(S)
         WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         CLEAR                                                     UNLIMITED
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                      NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
         NONE                                                      64
       TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
         VFR                                                       NONE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2282	7/11/79 TIME - 1425	DAYTON,OH	BEECH E-18S N136C DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 23, 1850 TOTAL HOURS, 773 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DAYTON GEN SOUTH
DEPARTURE POINT: CLEVELAND,OH
INTENDED DESTINATION: ST LOUIS,MO
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
  MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2270	7/11/79 TIME - 1310	MILAN,OH	PIPER PA-28 N5270W DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 134 TOTAL HOURS, 62 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOMESTEAD INN
DEPARTURE POINT: AKRON,OH
INTENDED DESTINATION: AKRON,OH
LAST ENROUTE STOP: MILAN,OH
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT RUNWAY
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION
REMARKS- AIRPORT WAS CLOSED.PASSENGER WAS PILOT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2267	7/18/79 TIME - 2020	MIAMITOWN,OH	WARMICK BAT W3 N13130 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 1021 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MIAMITOWN
DEPARTURE POINT — MIAMITOWN,OH
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
POWERPLANT - COOLING SYSTEM BAFFLES
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- BAFFEL INSIDE L EXH HEAT BOX BLOCKED OFF ALL AIR TO CARB WHEN CARB HEAT APPLIED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2274	8/5/79 TIME - 1850	KIRBY,OH	PIPER PA-22 N73510 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 100 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — SANDUSKY,OH
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT STATED IN MEDIUM L BANK & SEL ON L TANK WHEN ENG FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2268	8/5/79 TIME - 1015	DANVILLE,OH	PIPER PA-28 N75132 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 151 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CAMP MOHAVEN
DEPARTURE POINT — TOLEDO,OH
INTENDED DESTINATION — DANVILLE,OH
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND

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FILE    DATE         LOCATION           AIRCRAFT DATA       INJURIES     FLIGHT                        PILOT DATA
                                                             F  S M/N    PURPOSE

3-2280  8/7/79     SANDUSKY,OH          CESSNA 177          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 40, 164
        TIME - 0826                     N30409              PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 27 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - GRIFFING SANDUSKY
        DEPARTURE POINT              INTENDED DESTINATION
          LANSING,MI                   SANDUSKY,OH
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          OVERSHOOT                                               LANDING  LEVEL OFF/TOUCHDOWN
          GROUND-WATER LOOP-SWERVE                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND


3-2281  8/10/79    PORT CLINTON,OH      PIPER PA-32         CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 29, 1900
        TIME - 1648                     N4016W              PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 305 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          LEBANON,OH                   PUT-IN-BAY,OH
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
          DITCHING                                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER


3-2269  8/17/79    FREDERICKTOWN,OH     CESSNA 120          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 59, 575
        TIME - 1217                     N1891N              PX-  0  0  0  PRACTICE                     TOTAL HOURS, 50 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CRAFT
        DEPARTURE POINT              INTENDED DESTINATION
          FREDERICKTOWN,OH             LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                              LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  UNMARKED OBSTRUCTIONS
        REMARKS- UNMARKED PWR LINE.
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FILE    DATE          LOCATION             AIRCRAFT DATA         INJURIES       FLIGHT                                 PILOT DATA
                                                                  F  S M/N      PURPOSE

3-2376  8/27/79     CAMDEN,OH            CESSNA 152            CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 26, 90 TOTAL
        TIME - 1240                      N46758                PX-  0  0  0  PLEASURE/PERSONAL TRANSP       HOURS, 28 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          PORT CLINTON,OH                HARRISON,OH
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2272  9/7/79      CHESTERVILLE,OH      PIPER PA-38           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 23, 88 TOTAL
        TIME - 2215                      N2457G                PX-  0  0  1  PLEASURE/PERSONAL TRANSP       HOURS, 14 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        NAME OF AIRPORT - FISHER'S
        DEPARTURE POINT                INTENDED DESTINATION
         UNKNOWN/NOT REPORTED            CHESTERVILLE,OH
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          OVERSHOOT                                                   LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  CROP                                         LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS


3-2273  9/9/79      RICHMOND HTS,OH      CESSNA 150            CR-  0  0  1  INSTRUCTIONAL                  STUDENT, AGE 45, 32 TOTAL
        TIME - 1430                      N9200U                PX-  0  0  0  SOLO                           HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        NAME OF AIRPORT - CUYAHOGA CO
        DEPARTURE POINT                INTENDED DESTINATION
          RICHMOND HTS,OH                LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          HARD LANDING                                                LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FIRE AFTER IMPACT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2271	9/13/79 TIME - 1120	SANDUSKY,OH	PIPER PA-31 N930JM DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 1120 TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GRIFFING
DEPARTURE POINT
FORT WAYNE,IN
INTENDED DESTINATION
SANDUSKY,OH
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIDDEN HAZARD

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
WIND DIRECTION-DEGREES
225
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- STRUCK DEBRIS OFF SIDE OF RWY.

CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
TAIL WIND 158-202 DEGREES
WIND VELOCITY-KNOTS
12
TYPE OF FLIGHT PLAN
IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2275	10/7/79 TIME - 1500	MAGNOLIA,OH	MOONEY M20F N6449Q DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 44, 449 TOTAL HOURS, 104 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MAGNOLIA
DEPARTURE POINT
MAGNOLIA,OH
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                             PILOT DATA
                                                             F  S M/N    PURPOSE

3-2284 10/14/79   SALEM,OH           WALTON JD1           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 36, 328
       TIME - 1700                   N7WW                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 150 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - SALEM PARK
       DEPARTURE POINT              INTENDED DESTINATION
         SALEM,OH                     LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            LANDING  FINAL APPROACH
         COLLIDED WITH  TREES                                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
         MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
         MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
       FACTOR(S)
         WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SKY CONDITION                                            CEILING AT ACCIDENT SITE
         CLEAR                                                    UNLIMITED
       VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                     NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TYPE OF WEATHER CONDITIONS
         NONE                                                     VFR
       TYPE OF FLIGHT PLAN
         NONE
       REMARKS- VOLKSWAGON ENGINE.


3-2276 10/17/79   PIQUA,OH           MITSUBISHI MU-2B     CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 54, 13960
       TIME - 0930                   N855Q                PX-  0  0  1  BUSINESS                   TOTAL HOURS, 625 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - PIQUA
       DEPARTURE POINT              INTENDED DESTINATION
         INDIANAPOLIS,IN              PIQUA,OH
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - CHECKLIST-FAILED TO USE
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FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2188	3/30/79 SEILING,OK TIME - 2030	CESSNA 210C N3678Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 25, 444 TOTAL HOURS, 113 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SEILING
DEPARTURE POINT
ALTUS,OK
INTENDED DESTINATION
SEILING,OK
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- ACFT COLLIDE W PWR LINE DRG NGT LNDG APCH.

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2131	5/11/79 NR.SHARON,OK TIME - 1145	PIPER PA-25 N4742Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 43, 1212 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SHARON,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR WHEELS,TIRES,AXLES
MISCELLANEOUS ACTS,CONDITIONS - BURST
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- TIRE BLEW OUT DRG LNDG ON ROAD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2187	5/16/79 TIME - 1000	FT.COBB,OK	GRUMMAN G-164B N66860 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE UNK/NR, 5000 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT: FT.COBB,OK — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
  KIND OF CROP - GRAIN FIELDS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  CRASH BAR - INSTALLED
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2133	6/23/79 TIME - 0735	LAWTON,OK	CESSNA 152 N47053 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 39, 40 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HILLTOP
DEPARTURE POINT: LAWTON,OK — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2186	7/26/79 TIME - 1330	ANADARKO,OK	CESSNA 150G N3248X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, 805 TOTAL HOURS, 58 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DEGRAFFENRIED
DEPARTURE POINT: ANADARKO,OK — INTENDED DESTINATION: OKLAHOMA CITY,OK
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2371	7/27/79 TIME - 0815	HOLLIS,OK	PIPER PA-25 N77567 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 42, 5300 TOTAL HOURS, 3002 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HOLLIS,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 3000
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1500
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2132	8/6/79 TIME - 0730	BOISE CITY,OK	PIPER PA-25 N9580P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 37, 1029 TOTAL HOURS, 305 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BOISE CITY
DEPARTURE POINT
BOISE CITY,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2134	9/13/79 TIME - 0920	TAHLEQUAH,OK	PIPER PA-28 N7049W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 60, 7045 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TAHLEQUAH MUNI
DEPARTURE POINT — TAHLEQUAH,OK
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH DIRT BANK
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - FUEL SYSTEM CARBURETOR
  MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
  MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- MUD DAUBER NEST DISLODGED FROM INDUCTION SYS & LODGED IN CARB RESTRICTING AIR FLOW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2224	3/4/79 TIME - 1705	PALMERTON,PA	PIPER PA-28R N5964V DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 20, 95 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SLATINGTON
DEPARTURE POINT — PHILADELPHIA,PA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - RAIN
  WEATHER - FOG
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — OVERCAST
CEILING AT ACCIDENT SITE — 600
VISIBILITY AT ACCIDENT SITE — 2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE — DRIZZLE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 46
WIND DIRECTION-DEGREES — 80
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2223	7/14/79 TIME - 1645	SHENLEY,PA	PIPER PA-18S N4399A DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 1400 TOTAL HOURS, 85 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KIKKATUCK SB
DEPARTURE POINT — SHENLEY,PA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL SPIN
PHASE OF OPERATION — IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — BROKEN
CEILING AT ACCIDENT SITE — 6000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — HAZE
TEMPERATURE-F — 84
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- DENSITY ALT APRX 2600 FT.ACFT G/W APRX 1723LBS.MAX ALLOWABLE G/W 1760LBS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2174	7/17/79 TIME - 1832	ZELIENOPLE,PA	CESSNA 150 N19138 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 407 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ZELIENOPLE
DEPARTURE POINT — ZELIENOPLE,PA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; GEAR COLLAPSED
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE OR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2172	7/31/79 TIME - 1018	JOHNSTOWN,PA	CESSNA 177RG N2559V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 419 TOTAL HOURS, 59 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - JOHNSTOWN
DEPARTURE POINT — INTENDED DESTINATION
JOHNSTOWN,PA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
WHEELS-UP — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2170	8/2/79 TIME - 1230	GERMANSVILLE,PA	CESSNA 172 N1543Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS PARAJUMP-SPORT	PRIVATE, AGE 28, 890 TOTAL HOURS, 640 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FLYING M RANCH
DEPARTURE POINT — INTENDED DESTINATION
GERMANSVILLE,PA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — LANDING GO-AROUND
GEAR COLLAPSED — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIGH VEGETATION
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2171	8/28/79 TIME - 2020	CONNELLSVILLE,PA	PIPER PA-23 N2033P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE UNK/NR, 9525 TOTAL HOURS, 745 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CONNELLSVILLE
DEPARTURE POINT — INTENDED DESTINATION
CONNELLSVILLE,PA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
HARD LANDING — LANDING LEVEL OFF/TOUCHDOWN
GEAR COLLAPSED — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

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FILE    DATE          LOCATION              AIRCRAFT DATA          INJURIES       FLIGHT                          PILOT DATA
                                                                    F  S M/N      PURPOSE

3-2173  8/29/79    ERIE,PA                CESSNA 180            CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 61, 527
        TIME - 1930                       N7746A                PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 16 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LAKE ERIE
        DEPARTURE POINT                 INTENDED DESTINATION
          ERIE,PA                         LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          HARD LANDING                                                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          TERRAIN - OTHER
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
        REMARKS- ACFT HIT GROUND SWELL IN LAKE ERIE.


3-2175  9/3/79     BRECKNOCK,PA           CESSNA 172F           CR-  0  0  1  MISCELLANEOUS                 PRIVATE, AGE 35, 199
        TIME - 1600                       N5689R                PX-  0  0  0  PARAJUMP-SPORT                TOTAL HOURS, 163 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MAPLE GROVE
        DEPARTURE POINT                 INTENDED DESTINATION
          LIMERICK,PA                     BRECKNOCK,PA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          UNDERSHOOT                                                  LANDING  FINAL APPROACH
          COLLIDED WITH  WIRES/POLES                                  LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS


3-2169  9/14/79    PHILADELPHIA,PA        PIPER PA-23           CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 23, 1423
        TIME - 0025                       N8017J                PX-  0  0  0  COMMUTER AIR CARRIER          TOTAL HOURS, 30 IN TYPE,
                                          DAMAGE-SUBSTANTIAL    OT-  0  0  1  AIR TAXI-CARGO S-D            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PHILADELPHIA INTL
        DEPARTURE POINT                 INTENDED DESTINATION
          NEWARK,NJ                       PHILADELPHIA,PA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  AUTOMOBILE                                   TAXI  FROM LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
          PERSONNEL - MISCELLANEOUS-PERSONNEL  DRIVER OF VEHICLE
        REMARKS- VAN WAS MOVING ALONG RAMP
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2155	8/5/79 TIME - 1400	NEWPORT,RI	PIPER PA-23 N62664 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 23, 1691 TOTAL HOURS, 46 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NEWPORT STATE
DEPARTURE POINT — INTENDED DESTINATION
NEWPORT,RI — BRIDGEPORT,CT
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED

PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
POWERPLANT - IGNITION SYSTEM SPARK PLUG
MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- #4 CYL TOP PLUG INSULATOR CRACKED & BROKEN OFF.LEAD BUILD UP IN SOME PLUGS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2385	3/27/79 TIME - 1140	NR.JOHNS ISLAND,SC	SCORPION TOO N97521 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 36, 61 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
UNKNOWN/NOT REPORTED — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE PROPELLER
COLLISION WITH GROUND/WATER UNCONTROLLED

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2383	8/17/79 TIME - 0750	GREELEYVILLE,SC	PIPER PA-18 N4508Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 48, 7000 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - EPPS FARM
DEPARTURE POINT
GREELEYVILLE,SC
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH CROP

PHASE OF OPERATION
IN FLIGHT RETURN TO STRIP
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 700
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED
ELEVATION-AREA BEING TREATED-FEET - 100

KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2382	9/29/79 TIME - 1400	TRENTON,SC	HUGHES 269A N8853F DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 33, 9255 TOTAL HOURS, 8180 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TRENTON
DEPARTURE POINT
TRENTON,SC
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
AIRFRAME FAILURE ON GROUND

PHASE OF OPERATION
TAKEOFF VERTICAL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - GROUND RESONANCE

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                              PILOT DATA
                                                             F  S M/N    PURPOSE

3-2142 4/4/79      VERNON,TX           GRUMMAN G-164        CR-  0  0  1  MISCELLANEOUS                  COMMERCIAL, AGE 51, 10000
       TIME - 1615                     N6653K               PX-  0  0  0  TEST                           TOTAL HOURS, 5000 IN
                                       DAMAGE-SUBSTANTIAL                                                TYPE, NOT INSTRUMENT
                                                                                                         RATED.
       NAME OF AIRPORT - WILBARGER
       DEPARTURE POINT               INTENDED DESTINATION
         VERNON,TX                     LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         NOSE OVER/DOWN                                             LANDING  ROLL

       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
         AIRFRAME - LANDING GEAR  OTHER
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
       REMARKS- PARKING BRAKE HANDLE OUT OF OFF POSITON CAUSE NOT KNOWN


3-2144 4/13/79     ELIASVILLE,TX       PIPER PA-22          CR-  0  1  0  NONCOMMERCIAL                  COMMERCIAL, AGE 45, 2280
       TIME - 1915                     N8064D               PX-  0  1  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 300 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         ELIASVILLE,TX                 LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         STALL                                                      TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - PHYSICAL IMPAIRMENT
         MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION


3-2105 5/5/79      FRIENDSWOOD,TX      ENSTROM F-28A        CR-  0  0  1  INSTRUCTIONAL                  COMMERCIAL, AGE 32, 470
       TIME - 1450                     N2540                PX-  0  0  0  TRAINING                       TOTAL HOURS, 37 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - CLOVER FIELD
       DEPARTURE POINT               INTENDED DESTINATION
         FRIENDSWOOD,TX                LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE  MAIN ROTOR                        TAKEOFF  VERTICAL
         HARD LANDING                                               LANDING  POWER-OFF AUTOROTATIVE LANDING

       PROBABLE CAUSE(S)
         ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM  CLUTCH ASSEMBLY
         ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM  SPRAG SYSTEM
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
       REMARKS- PLT STATED DURING AUTOROTATION LEVELED & APPLIED SOME COLLECTIVE.ACFT HIT HARD & BOUNCED.
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FILE    DATE          LOCATION              AIRCRAFT DATA         INJURIES        FLIGHT                          PILOT DATA
                                                                   F  S M/N       PURPOSE

3-2215  5/23/79  NR.LA FERIA,TX            GRUMMAN G-164B        CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 62, 38000
        TIME - 1700                         N66150                PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 100 IN TYPE,
                                              DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION
          EDCOUCH,TX                        LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          NOSE OVER/DOWN                                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 9999                            KIND OF OPERATION - UNKNOWN/NOT REPORTED
          KIND OF CROP - UNKNOWN/NOT REPORTED                           TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                      GLOVES - USED
          GOGGLES - USED                                                CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                                  CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT
        REMARKS- PLT LOST VISION FOR UNKN RSN.BLOOD TOXICOLOGY TEST-NORMAL.PRECAUTIONARY LNDG IN WET CORN FLD.


3-2139  6/5/79      KELLER,TX              CESSNA 152            CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 17, 68 TOTAL
        TIME - 1650                         N68333                PX-  0  0  1  PLEASURE/PERSONAL TRANSP   HOURS, ALL IN TYPE, NOT
                                              DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - LATA VISTA
        DEPARTURE POINT                   INTENDED DESTINATION
          FORT WORTH,TX                     LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          UNDERSHOOT                                                    LANDING  FINAL APPROACH
          HARD LANDING                                                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2212	6/13/79 TIME - 1945	ELSA,TX	AIR TRACTOR AT-301 N4412S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 44, 15520 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - NEAL AIR STRIP
DEPARTURE POINT
ENCOUCA,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2135	6/16/79 TIME - 1900	NR.GRAHAM,TX	CESSNA 337D N86395 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 57, 7000 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GRAHAM,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- BOTH ENGS LOST PWR AFTER SWTCHNG BOTH FUEL SELECTORS.STRUCK PWR LINE DRG ENG START.LND AT ARPT OK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2140	6/29/79 TIME - 0800	NR.MIAMI,TX	MARTIN 404 N40408 DAMAGE-DESTROYED	CR- 0 1 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	ATP,FLIGHT INSTR., AGE 52, 15000 TOTAL HOURS, 61 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
PAMPA,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
IN FLIGHT SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETC.-RESTRICTED VISION
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 500
KIND OF CROP - PASTURE
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - BELLY
ELEVATION-AREA BEING TREATED-FEET - 3000
KIND OF OPERATION - OTHER*.
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - CROSSWIND
FIRE AFTER IMPACT
REMARKS- SPRAYING GRASSHOPPERS ON PASTURE LAND.PLT STATED SPRAY FROM ANOTHER ACFT COLLECTED ON WINDSHIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2216	6/30/79 TIME - 1800	RICHLAND HILLS,TX	GRUM AMER AA-1C N39066 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 103 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MANGHAM
DEPARTURE POINT
RICHLAND HILLS,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2217	7/4/79 TIME - 1845	KELLER,TX	CESSNA 172M N46320 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 136 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ALTA VISTA
DEPARTURE POINT
FT.WORTH,TX
INTENDED DESTINATION
KELLER,TX
TYPE OF ACCIDENT
OVERSHOOT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
REMARKS- WITNESSES STATED WND WAS FROM S AT 15 TO 20 KTS.COLLIDED W HANGAR & C-172,N4107L.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2213	8/4/79 TIME - 1515	LITTLEFIELD,TX	TERN II N47775 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 15, 17 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LITTLEFIELD MUNI
DEPARTURE POINT
LITTLEFIELD,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- WITNESS RPRT-GLDR OSCILLATED AFT TKOF,RELEASED FROM TOW ACFT,WING TIP HIT GND DRG TURN TWD ARPT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2138	8/11/79 TIME - 1015	NR.BRENHAM,TX	GRUM-AMER AA-5A N26302 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 123 TOTAL HOURS, 63 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HOUSTON,TX
INTENDED DESTINATION
OKLAHOMA CITY,OK
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
2000
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
77
WIND DIRECTION-DEGREES
200
WIND VELOCITY-KNOTS
4
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- WINGS DMGD DRG RECOVERY.

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FILE    DATE          LOCATION           AIRCRAFT DATA         INJURIES       FLIGHT                          PILOT DATA
                                                               F  S M/N       PURPOSE

3-2141  8/14/79     DALLAS,TX            CESSNA 402           CR-  0  0  1  COMMERCIAL               COMMERCIAL, AGE 20, 2340
        TIME - 1130                      N8138F               PX-  0  0  0  COMMUTER AIR CARRIER     TOTAL HOURS, 74 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                 AIR TAXI-CARGO S-0       INSTRUMENT RATED.
        NAME OF AIRPORT - DALLAS LOVE
        DEPARTURE POINT             INTENDED DESTINATION
          DALLAS,TX                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GEAR RETRACTED                                            TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE

3-2145  8/17/79     SPRINGTOWN,TX        PIPER PA-38          CR-  0  0  1  NONCOMMERCIAL            PRIVATE, AGE 31, 150
        TIME - 1545                      N25730               PX-  0  0  1  PLEASURE/PERSONAL TRANSP TOTAL HOURS, 79 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - KEZER AIR RANCH
        DEPARTURE POINT             INTENDED DESTINATION
          SPRINGTOWN,TX               FT.WORTH,TX
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  RUN
          COLLIDED WITH  FENCE,FENCEPOSTS                           TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
          PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        REMARKS- PLT STATED ENG WAS NOT DEVELOPING FULL PWR.

3-2136  8/21/79     ADDISON,TX           PIPER PA-23          CR-  0  0  2  INSTRUCTIONAL            COMMERCIAL, FL.INSTR.,
        TIME - 1400                      N3036P               PX-  0  0  0  DUAL                     AGE 24, 1445 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                          46 IN TYPE, NOT INSTRU-
                                                                                                     MENT RATED.
        NAME OF AIRPORT - ADDISON
        DEPARTURE POINT             INTENDED DESTINATION
          DALLAS,TX                   ADDISON,TX
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          WHEELS-UP                                                 LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
          AIRFRAME - LANDING GEAR  EMERGENCY/EXTENSION ASSEMBLY
          SYSTEMS - HYDRAULIC SYSTEM  RELIEF VALVE
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- MALFUNCTION OF THERMAL RELIEF VALVE IN HYDR PWR-PAC.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2143	8/24/79 TIME - 1150	HALF CENTER,TX	GRUMMAN G-164A N4940 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 43, 4000 TOTAL HOURS, 610 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BOYD'S
DEPARTURE POINT — HALF CENTER,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - IGNITION SYSTEM MAGNETOS
MISCELLANEOUS ACTS,CONDITIONS - SHEARED
TERRAIN - HIGH VEGETATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - FERRY
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- SCREWS HLDG DIST ROTOR TO GEAR SHEARED,ALLOWING MAG OUT OF TIME.AMERICAN BOSCH-MODEL SB9RU3 MAG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2137	9/2/79 TIME - 1850	N RICHLAND HLS,TX	AERONCA 7AC N84296 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 966 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MANGHAM
DEPARTURE POINT — N RICHLAND HLS,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- DIRT EMBANKMENT NEAR RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2104	9/8/79 TIME - 1330	LAGRANGE,TX	BELL 206B N280C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 43, 3500 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
LAGRANGE,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2102	9/8/79 TIME - 1446	MCKINNEY,TX	SCHWEIZER SGS126 N3860A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 100 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - AERO COUNTY
DEPARTURE POINT
MCKINNEY,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- WHEELS,SKIDS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2214	9/8/79 TIME - 1514	NR.PLAINVIEW,TX	PIPER PA-36 N3896E DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	AIRLINE TRANSPORT, AGE 29, 4641 TOTAL HOURS, 480 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
PLAINVIEW,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
TERRAIN - HIGH VEGETATION

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 48
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 3300

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES        FLIGHT                       PILOT DATA
                                                                 F  S M/N       PURPOSE

3-2373  9/9/79     AUSTIN,TX              PIPER PA-28          CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 28, 28 TOTAL
        TIME - 1315                       N2116F               PX-  0  0  0  SOLO                       HOURS, 6 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - LAKEWAY AIRPARK
        DEPARTURE POINT               INTENDED DESTINATION
          AUSTIN,TX                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          OVERSHOOT                                                LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  OBJECT                                    LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        REMARKS- ENCOUNTERED ROUGH TERRAIN AFTER DEPARTING RWY.


3-2210  9/14/79    KELLER,TX              PIPER PA-38          CR-  0  0  2  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
        TIME - 0845                       N2517D               PX-  0  0  0  DUAL                       AGE 29, 864 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                            9 IN TYPE, INSTRUMENT
        NAME OF AIRPORT - ALTA VISTA                                                                    RATED.
        DEPARTURE POINT               INTENDED DESTINATION       LAST ENROUTE STOP
          FT WORTH,TX                   RETURN                     KELLER,TX
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GEAR COLLAPSED                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
        REMARKS- LEFT MAIN LNDG GEAR ATTACHMENT BOLTS FAILED.ONE BOLT LOOSE FOR UNK TIME & REASON BEFORE FAILURE.


3-2211  9/18/79    FORT WORTH,TX          PIPER PA-28R         CR-  0  0  1  NONCOMMERCIAL              NO CERTIFICATE, AGE
        TIME - 0430                       N9820K               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   UNK/NR, UNK/NR TOTAL
                                          DAMAGE-SUBSTANTIAL                                            HOURS, UNK/NR IN TYPE,
        NAME OF AIRPORT - MEACHAM                                                                       NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          FORT WORTH,TX                 UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
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FILE  DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                                   PILOT DATA
                                                           F  S M/N      PURPOSE

3-2103  10/1/79    GAINESVILLE,TX      CESSNA 152           CR-  1  0  0  NONCOMMERCIAL                 STUDENT, AGE 28, 23 TOTAL
        TIME - UNK/NR                  N47398               PX-  1  0  0  PLEASURE/PERSONAL TRANSP      HOURS, ALL IN TYPE, NOT
                                         DAMAGE-DESTROYED                                               INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          GAINESVILLE,TX                 LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
          MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
        REMARKS- TISSUE FLUID ETHYL ALCOHOL LEVEL 0.124%.


3-2372  10/19/79   KENNEDALE,TX        AERONCA 7AC          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 38, 1360
        TIME - 1430                    N83838               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 425 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          KENNEDALE,TX                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          WEATHER - DOWNDRAFT,UPDRAFTS
          TERRAIN - HIGH OBSTRUCTIONS

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          BROKEN                                                    3500
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          NONE                                                      86
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          180                                                       15
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          VFR                                                       NONE
        REMARKS- COLLIDED W TELEPHONE CABLE DRG TKOF FRM PASTURE.PLT STATED-ENCOUTERED DWNDRFT.WND GUSTING 22KTS.
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FILE    DATE         LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N      PURPOSE

3-2189  2/26/79  NR.BRIGHAM CITY,UT       CESSNA T206          CR-  2  0  0  INSTRUCTIONAL                   ATP,FLIGHT INSTR., AGE
        TIME - 2155                       N868BJ               PX-  0  0  0  DUAL                            71, 38685 TOTAL HOURS,
                                          DAMAGE-DESTROYED                                                   4619 IN TYPE, INSTRUMENT
                                                                                                             RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          SALT LAKE CITY,UT             LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                       LANDING  MISSED APPROACH

        PROBABLE CAUSE(S)
          DUAL STUDENT - IMPROPER IFR OPERATION
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS


3-2190  5/27/79  NR.MOAB,UT               PIPER PA-28          CR-  1  0  0  NONCOMMERCIAL                   PRIVATE, AGE 27, 113
        TIME - 1215                       N7098R               PX-  2  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 53 IN TYPE,
                                          DAMAGE-DESTROYED                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          PAONIA,CO                     LAS VEGAS,NV
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                       TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
        FACTOR(S)
          WEATHER - HIGH DENSITY ALTITUDE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

        SKY CONDITION                                                 CEILING AT ACCIDENT SITE
          CLEAR                                                         UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                          NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TEMPERATURE-F
          NONE                                                          85
        TYPE OF WEATHER CONDITIONS                                    TYPE OF FLIGHT PLAN
          VFR                                                           NONE
        FIRE AFTER IMPACT
        REMARKS- D/A APPROX 8100FT.HIT RISING TERRAIN APPROX 3MI FROM DIRT ROAD.


3-2206  6/14/79  NR.BURLINGTON,VT         CESSNA 140           CR-  0  0  1  NONCOMMERCIAL                   NO CERTIFICATE, AGE 47,
        TIME - 1615                       N2570N               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        130 TOTAL HOURS, 60 IN
                                          DAMAGE-SUBSTANTIAL                                                 TYPE, NOT INSTRUMENT
                                                                                                             RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          BURLINGTON,VT                 LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLIDED WITH  TREES                                          IN FLIGHT  BUZZING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES       FLIGHT                              PILOT DATA
                                                                 F  S M/N       PURPOSE

3-2204 6/29/79  NR.JOHNSON,VT          CESSNA 140A            CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 49, 300
       TIME - 0745                     N5347C                 PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 3 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         MORRISVILLE,VT                 LOCAL
       TYPE OF ACCIDENT                                               PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                  IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  CROP                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - LUBRICATING SYSTEM  FILTERS,SCREEN
         MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
         MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2225 7/3/79      VINALHAVEN,VT       PIPER PA-28            CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 27, 565
       TIME - 0930                     N4342T                 PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 25 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - VINALHAVEN
       DEPARTURE POINT                INTENDED DESTINATION
         VINALHAVEN,VT                  ESSEX,NJ
       TYPE OF ACCIDENT                                               PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                          TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
       REMARKS- 1400FT USABLE RWY.ACFT REQS 1625FT TKOF STD DAY.ACFT COLLIDED W ROCKS ON EDGE OF RWY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2207	7/30/79 TIME - 1945	POULTNEY,VT	BELL 47G N64816 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 55, 1225 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
POULTNEY,VT
INTENDED DESTINATION
LOCAL

TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
TAKEOFF VERTICAL
TAKEOFF VERTICAL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - WET,SOFT GROUND
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
BROKEN
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
4500
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
80
TYPE OF FLIGHT PLAN
NONE

REMARKS- ROTOR BLADE STRUCK WATER.D/A APPROX 2000FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2205	8/8/79 TIME - 1700	PANTON,VT	BELLANCA 17-30 N6570V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 48, 7567 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - STATON
DEPARTURE POINT: CLAREMONT,NH
INTENDED DESTINATION: PANTON VT
TYPE OF ACCIDENT: HARD LANDING; GEAR COLLAPSED
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION: CLEAR
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TYPE OF WEATHER CONDITIONS: VFR
CEILING AT ACCIDENT SITE: UNLIMITED
PRECIPITATION AT ACCIDENT SITE: NONE
WIND VELOCITY-KNOTS: 12
TYPE OF FLIGHT PLAN: NONE
REMARKS- WINDS GUSTING 15 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2116	3/3/79 TIME - 1730	FRONT ROYAL,VA	CESSNA 172 N5639T DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 240 TOTAL HOURS, 101 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: DAYTONA BEACH,FL
INTENDED DESTINATION: BUFFALO,NY
LAST ENROUTE STOP: MARTINSBURG,WV
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
SYSTEMS - ELECTRICAL SYSTEM GENERATORS/ALTERNATORS
MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE
TERRAIN - HIGH OBSTRUCTIONS
WEATHER - LOW CEILING
WEATHER BRIEFING - PARTIAL BRIEFING BY WEATHER BUREAU PERSONNEL, BY PHONE, LIMITED BY PILOT ACTION
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION: OVERCAST
VISIBILITY AT ACCIDENT SITE: 3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
TYPE OF FLIGHT PLAN: NONE
CEILING AT ACCIDENT SITE: 50
PRECIPITATION AT ACCIDENT SITE: NONE
TYPE OF WEATHER CONDITIONS: IFR
REMARKS- PILOT WAS ATTEMPTING TO FLY VISUALLY TO MRB.A/C GENERATOR HAD FAILED ON PREVIOUS LEG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2209	9/2/79 TIME - 1730	TROUTDALE,VA	MOONEY M-20F N7747M DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 987 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
SMITH MTN LAKE,VA
INTENDED DESTINATION
ABINGDON,VA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER - THUNDERSTORM ACTIVITY
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OBSCURATION
CEILING AT ACCIDENT SITE
0
VISIBILITY AT ACCIDENT SITE
ZERO
PRECIPITATION AT ACCIDENT SITE
RAIN, THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- AIRCRAFT FLEW INTO MOUNTAIN AT 4500FT MSL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2208	9/20/79 TIME - 1400	NR.LURAY,VA	CESSNA 140 N89327 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 43, 10000 TOTAL HOURS, 45 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - KLENKE
DEPARTURE POINT
WARRENTON,VA
INTENDED DESTINATION
LURAY,VA
TYPE OF ACCIDENT
OVERSHOOT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
REMARKS- ACFT LANDED FAST ON GRASS STRIP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2264	4/16/79 TIME - 1230	BURLINGTON,WI	ANDERSON TENT 2 N41MA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 21, 163 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BURLINGTON MUNI
DEPARTURE POINT: BURLINGTON,WI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL MUSH
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2261	5/8/79 TIME - 1450	COTTAGE GROVE,WI	FAA BIPLANE P2 N147 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 31, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: COTTAGE GROVE,WI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE
MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT
REMARKS- EXPIRED STUDENT CERT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2258	6/25/79 TIME - 1015	PEWAUKEE,WI	CESSNA 152 N66602 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 56, 40 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CAPITOL DRIVE
DEPARTURE POINT: PEWAUKEE,WI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
REMARKS- STU PLT ON 1ST SOLO FLT PUSHED IN THROTTLE WHILE DECREASING CARB HEAT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2256	7/3/79 TIME - 1705	STAR PRAIRIE,WI	BEECH F33C N277F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 46, 2039 TOTAL HOURS, 1939 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT — INTENDED DESTINATION
ST PAUL,MN — STAR PRAIRIE,WI
TYPE OF ACCIDENT — PHASE OF OPERATION
OVERSHOOT — LANDING LEVEL OFF/TOUCHDOWN
COLLIDED WITH DITCHES — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2300	7/6/79 TIME - 1737	MILWAUKEE,WI	CESSNA 150 N7774F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 210 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
WEST BEND,WI — MILWAUKEE,WI
TYPE OF ACCIDENT — PHASE OF OPERATION
PROPELLER/ROTOR FAILURE PROPELLER — IN FLIGHT NORMAL CRUISE
NOSE OVER/DOWN — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
POWERPLANT - PROPELLER AND ACCESSORIES BLADES
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
FACTOR(S)
TERRAIN - WET,SOFT GROUND
REMARKS- MCCAULEY PROP MODEL 1A100/MCM,S/N F2070,MISSING 5IN OF BLADE TIP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2260	7/15/79 TIME - 1530	MILWAUKEE,WI	CESSNA 172N N734AD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 331 TOTAL HOURS, 240 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GEN MITCHELL
DEPARTURE POINT
WHEELING,IL
INTENDED DESTINATION
MILWAUKEE,WI
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
120
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2262	7/15/79 TIME - 1130	DODGEVILLE,WI	BEECH A23 N5780V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 900 TOTAL HOURS, 804 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DODGEVILLE
DEPARTURE POINT
LAKE ELMO,MN
INTENDED DESTINATION
DODGEVILLE,WI
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL

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FILE   DATE        LOCATION          AIRCRAFT DATA         INJURIES      FLIGHT                       PILOT DATA
                                                           F  S M/N      PURPOSE

3-2265 7/15/79     SOUTH BYRON,WI    PIPER PA-17       CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 39, 330
       TIME - 1140                   N4839H            PX-  0  0  0  PRACTICE                   TOTAL HOURS, 6 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
       NAME OF AIRPORT - R BAIER FIELD
       DEPARTURE POINT             INTENDED DESTINATION
         BRANDON,WI                  SOUTH BYRON,WI
       TYPE OF ACCIDENT                                    PHASE OF OPERATION
         MISCELLANEOUS                                       IN FLIGHT  NORMAL CRUISE
         COLLISION WITH GROUND/WATER  CONTROLLED             LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         SYSTEMS - FLIGHT CONTROL SYSTEMS  RUDDER AND RUDDER TAB CONTROL SYSTEM
         MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
         MISCELLANEOUS ACTS,CONDITIONS - JAMMED
       REMARKS- PLT STATED FOUND RAG STUCK IN RUDDER CABLE PULLEY.

3-2263 7/21/79     BRISTOL,WI        CESSNA 182        CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 45, 643
       TIME - 1955                   N5325B            PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 434 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
       NAME OF AIRPORT - WINFIELD
       DEPARTURE POINT             INTENDED DESTINATION
         BRISTOL,WI                  LOCAL
       TYPE OF ACCIDENT                                    PHASE OF OPERATION
         NOSE OVER/DOWN                                      LANDING  ROLL

       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  NOSEWHEEL STEERING
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       REMARKS- NOSE L/G R STEERING TUBE ASSY.P/N 0743008-2,FAILED.

3-2259 8/8/79      FOND DU LAC,WI    STARDUSTER SA-100 CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 55, 3045
       TIME - 1749                   N86670            PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 54 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
       NAME OF AIRPORT - FOND DU LAC CO
       DEPARTURE POINT             INTENDED DESTINATION
         FOND DU LAC,WI              LOCAL
       TYPE OF ACCIDENT                                    PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                       TAKEOFF  INITIAL CLIMB
         HARD LANDING                                        LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
         PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
       REMARKS- PLT ATTEMPTED TURN BACK TO ARPT AFT ENG FAILED.
```


best copy available

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2257	8/26/79 TIME - 0915	RACINE,WI	MUSTANG II N228G DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 1500 TOTAL HOURS, 1486 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RACINE HORLICK
DEPARTURE POINT — MILWAUKEE,WI
INTENDED DESTINATION — RACINE,WI
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2266	10/8/79 TIME - 0900	BIG BEND,WI	BEECH 19 N5431M DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 24, 1946 TOTAL HOURS, 1224 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — MILWAUKEE,WI
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  STALL MUSH
PHASE OF OPERATION
  IN FLIGHT OTHER
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
  DUAL STUDENT - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL SELECTOR POSITIONED BETWEEN TANKS
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2147	2/24/79 TIME - 1140	NR.MOOSE,WY	CESSNA 206 N114CK DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 718 TOTAL HOURS, 674 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - JACKSON HOLE
DEPARTURE POINT
MOOSE,WY
INTENDED DESTINATION
NORTH PLATT,NE
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
WEATHER - SNOW
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
4 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
BLOWING SAND
WIND DIRECTION-DEGREES
150
TYPE OF WEATHER CONDITIONS
IFR
CEILING AT ACCIDENT SITE
1500
PRECIPITATION AT ACCIDENT SITE
SNOW
TEMPERATURE-F
27
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2375	7/24/79 TIME - 1415	NR.MAYAGUEZ,PR	PIPER PA-28 N9155J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 553 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SAN JAUN,PR
INTENDED DESTINATION
SANTO DOMINGO,DOM RP
TYPE OF ACCIDENT
DITCHING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - BECAME LOST/DISORIENTED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
LOW ON FUEL
REMARKS- DITCHED DUE LOW FUEL STATE WHILE UNDER U.S. COAST GUARD ESCORT.

80-6

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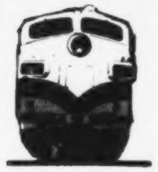

WASHINGTON, D.C. 20594

AIRCRAFT ACCIDENT REPORTS

BRIEF FORMAT
U.S. CIVIL AVIATION
ISSUE NUMBER 9 OF 1979 ACCIDENTS

NTSB-BA-80-6

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16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 300 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

File Numbers: 3-2401 thru 3-2700

17. Key Words (Aviation accident, Statistical Analysis) (Civil aviation, Aviation accidents), probable cause, pilot certificate, injuries, type of accident, phase of operation, kind of flying, aircraft damage, conditions of light.		18. Distribution Statement This document is available to the public through the National Technical Information Service, Springfield, VA 22151	
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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident

An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury

Any injury which results in death within 7 days of the accident.

Serious Injury

Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
: Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
: Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
: Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
: Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

EXPLANATORY NOTES

KIND OF FLYING

2. Noncommerical Flying
   Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

   Pleasure
   Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

   Business
   The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

   Corporate/Executive Operations
   The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
   Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
   Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 -	2,250 kilograms	(0 -	4,960 pounds)
2,251 -	5,700 kilograms	(4,961 -	12,565 pounds)
5,701 -	27,000 kilograms	(12,566 -	59,525 pounds)
27,001 -	272,000 kilograms	(59,526 -	599,650 pounds)
272,001 -	kilograms and greater	(599,651	pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	CTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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CORRECTIONS TO PREVIOUSLY RELEASED BRIEFS

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CORRECTION TO BRIEFS OF ACCIDENTS
U. S. Civil Aviation

Accidents Occurring in 1978

Near Wichita Falls, Texas, 4/5/78, N8961
Air Carrier
File No. 1-0003

Change type of accident to TURBULENCE

Chicago, Illinois, 8/8/78, N102AA
Air Carrier
File No. 1-0004

The Brief of Accident is substantially changed. The attached Brief is a corrected report of the accident.

Near Cheyenne, Wyoming, 5/30/78, N4518W
Air Carrier
File No. 1-0005

The Brief of Accident is substantially changed. The attached Brief is a corrected report of the accident.

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0004	8/8/78 TIME - 1155	CHICAGO,IL	DOUGLAS DC-10 N10244 DAMAGE-NONE	CR- 0 1 12 PX- 0 0244	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - O.HARE INTL
OPERATOR - AMERICAN AIRLINES,INC.
DEPARTURE POINT
NEWARK,NJ
INTENDED DESTINATION
SAN FRANCISCO,CA
LAST ENROUTE STOP
CHICAGO,IL
TYPE OF ACCIDENT
MISCELLANEOUS
PHASE OF OPERATION
STATIC PARKED-ENGINES NOT OPERATING

PROBABLE CAUSE(S)
PERSONNEL - FLIGHT PERSONNEL FLIGHT ATTENDANT
REMARKS- F/A BUMPED HEAD ON BULKHEAD OVERHANG WHILE TRYING TO CLEAR AISLE FOR LOADING PAX.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0005	5/30/78 TIME - 1555	NR.CHEYENNE,WY	BOEING 737 N4518W DAMAGE-MINOR	CR- 0 1 5 PX- 0 0 92	SCHED DOM PASSG SRV	AIRLINE TRANSPORT, AGE 48, 15000 TOTAL HOURS, 8200 IN TYPE, INSTRUMENT RATED.

OPERATOR - WESTERN AIR LINES,INC.
DEPARTURE POINT
DENVER,CO
INTENDED DESTINATION
CASPER,WY
TYPE OF ACCIDENT
TURBULENCE
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
PERSONNEL - FLIGHT PERSONNEL FLIGHT ATTENDANT
MISCELLANEOUS ACTS,CONDITIONS - SEAT BELT NOT FASTENED
FACTOR(S)
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER - THUNDERSTORM ACTIVITY
MISCELLANEOUS ACTS,CONDITIONS - SEAT BELT SIGN ON
WEATHER BRIEFING - COMPANY DISPATCH
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
IFR
REMARKS- FCST MOD TO SEVERE TURBC.F/A'S MAKING DRINKS FOR COCKPIT CREW.

BRIEFS OF ACCIDENTS

INITIAL RELEASE

PREVIOUS YEAR(S)

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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4438	10/25/78 TIME - 0710	ASHTON,IL	PIPER PA-24 N8666P DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 47, 192 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  DIXON,IL
INTENDED DESTINATION
  DECATUR,IL
TYPE OF ACCIDENT
  AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
  PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
  WEATHER - LOW CEILING
  WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  BROKEN/LOWER SCATTERED
VISIBILITY AT ACCIDENT SITE
  3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  11
TYPE OF FLIGHT PLAN
  NONE
FIRE AFTER IMPACT

CEILING AT ACCIDENT SITE
  600
PRECIPITATION AT ACCIDENT SITE
  RAIN
WIND DIRECTION-DEGREES
  200
TYPE OF WEATHER CONDITIONS
  IFR

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U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 9
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	64	31	35	176			306
COPILOT	6			6			12
DUAL STUDENT		4		15			19
CHECK PILOT		1	1	2			4
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT				1			1
EXTRA CREW	2						2
PASSENGERS	72	27	40	180			319
TOTAL	144	63	76	380		ABOARD	663
OTHER AIRCRAFT							
OTHER GROUND		2	2				4
GRAND TOTAL	144	65	78	380			667

INVOLVES 300 TOTAL ACCIDENTS
INVOLVES 68 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 9
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 300 TOTAL ACCIDENTS

INVOLVES 68 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT					1	1		1	1
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	5	1	6		1	1	5	2	7
BECAME LOST/DISORIENTED				2	1	3	2	1	3
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	11		11	1		1	12		12
DELAYED ACTION IN ABORTING TAKEOFF				3		3	3		3
DELAYED IN INITIATING GO-AROUND	1		1	4		4	5		5
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				1	3	4	1	3	4
FAILED TO EXTEND LANDING GEAR				3		3	3		3
FAILED TO SEE AND AVOID OTHER AIRCRAFT	5		5	4		4	9		9
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	2		2	7		7	9		9
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	16		16	16		16	32		32
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	1		1	1		1	2		2
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				3		3	3		3
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT	1		1		2	2	1	2	3
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	2		2	5		5	7		7
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				6		6	6		6
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				8		8	8		8
IMPROPER OPERATION OF FLIGHT CONTROLS				3	1	4	3	1	4
PREMATURE LIFT OFF				3		3	3		3
IMPROPER LEVEL OFF	1		1	20		20	21		21
IMPROPER IFR OPERATION	1		1	1		1	2		2
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	2		2	5	1	6	7	1	8
IMPROPER COMPENSATION FOR WIND CONDITIONS				8		8	8		8
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	3	4	7	30	6	36	33	10	43
INADEQUATE SUPERVISION OF FLIGHT	1		1	6		6	7		7
LACK OF FAMILIARITY WITH AIRCRAFT		4	4		7	7		11	11
MISMANAGEMENT OF FUEL	3		3	17		17	20		20
EXERCISED POOR JUDGMENT	1	3	4	2	1	3	3	4	7
SELECTED UNSUITABLE TERRAIN				13		13	13		13
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				1		1	1		1
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				2		2	2		2
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	2		2	1		1	3		3
SPONTANEOUS-IMPROPER ACTION				1		1	1		1
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	2		2				2		2
MISJUDGED DISTANCE AND SPEED	1		1	11		11	12		12
MISJUDGED DISTANCE	1		1				1		1
MISJUDGED DISTANCE AND ALTITUDE	1		1	7		7	8		8
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
MISJUDGED SPEED				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE	5		5	2		2	7		7
MISJUDGED ALTITUDE	1		1		1	1	1	1	2
MISJUDGED CLEARANCE	2		2	5		5	7		7
IMPROPER RECOVERY FROM BOUNCED LANDING				7		7	7		7
INCAPACITATION	2	1	3				2	1	3
PHYSICAL IMPAIRMENT	1	2	3		1	1	1	3	4
SPATIAL DISORIENTATION	5		5				5		5
MISUSED OR FAILED TO USE FLAPS		1	1	1		1	1	1	2
LEFT AIRCRAFT UNATTENDED ENGINE RUNNING				1		1	1		1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				7		7	7		7
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND		1	1	1		1	1	1	2
FAILED TO ABORT TAKEOFF	1		1	3		3	4		4
FAILED TO INITIATE GO-AROUND				11		11	11		11
DIRECT ENTRIES	2		2				2		2
SUBTOTAL	82	17	99	235	26	261	317	43	360
COPILOT									
IMPROPER OPERATION OF FLIGHT CONTROLS	1		1				1		1
MISJUDGED ALTITUDE AND CLEARANCE	1		1				1		1
MISUSED OR FAILED TO USE FLAPS	1		1				1		1
SUBTOTAL	3		3				3		3

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
DUAL STUDENT									
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				1		1	1		1
FAILED TO SEE OTHER AIRCRAFT	2		2				2		2
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
IMPROPER COMPENSATION FOR WIND CONDITIONS				1		1	1		1
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				1		1	1		1
MISJUDGED CLEARANCE				1		1	1		1
SUBTOTAL	2		2	5		5	7		7
CHECK PILOT									
FAILED TO SEE OTHER AIRCRAFT	1		1				1		1
INADEQUATE SUPERVISION OF FLIGHT				1		1	1		1
EXERCISED POOR JUDGEMENT					1	1		1	1
SUBTOTAL	1		1	1	1	2	2	1	3
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL		1	1					1	1
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)	2		2	6		6	8		8
IMPROPER MAINTENANCE(OWNER PERSONNEL)	2		2	1		1	3		3
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)		1	1					1	1
INADEQUATE INSPECTION OF ACFT(OWNER-PILOT PERSONNEL)				1		1	1		1
INADEQUATE MAINTENANCE AND INSPECTION	2		2	9	1	10	11	1	12
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE SUPERVISION OF FLIGHT CREW		1	1					1	1
DEFICIENCY, COMPANY MAINTAINED EQMT, SERV, REGULATIONS		1	1					1	1
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
SUBSTANDARD QUALITY CONTROL					1	1		1	1
POOR/INADEQUATE DESIGN				1		1	1		1
OTHER		1	1		1	1		2	2
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	6		6	4		4	10		10
PASSENGER				2		2	2		2
DRIVER OF VEHICLE				1		1	1		1
OTHER				2		2	2		2
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	12	5	17	27	3	30	39	8	47
** AIRFRAME **									
WINGS									
SKIN AND ATTACHMENTS	1		1		1	1	1	1	2
FUSELAGE									
WINDSHIELDS, WINDOWS, CANOPIES				1		1	1		1
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				2		2	2		2
NORMAL RETRACTION/EXTENSION ASSEMBLY				2		2	2		2
EMERGENCY/EXTENSION ASSEMBLY				1		1	1		1
TAILWHEEL ASSEMBLIES				1		1	1		1
NOSEWHEEL ASSEMBLIES				1		1	1		1
BRAKING SYSTEM (NORMAL)				4		4	4		4
FLIGHT CONTROL SURFACES									
SUBTOTAL	1		1	12	1	13	13	1	14
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKCASE	1		1	1		1	2		2
MASTER AND CONNECTING RODS					1	1		1	1
CYLINDER ASSEMBLY				3		3	3		3
PISTON, PISTON RINGS				1		1	1		1
VALVE ASSEMBLIES				5		5	5		5
OTHER				1	1	2	1	1	2
IGNITION SYSTEM									

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FUEL SYSTEM									
LINES AND FITTINGS				1	1	2	1	1	2
SELECTOR VALVES				1		1	1		1
CARBURETOR	1		1		1	1	1	1	2
PUMPS				2	1	3	2	1	3
FUEL INJECTION SYSTEM				2		2	2		2
VENTS, DRAINS, TANK CAPS				1		1	1		1
RAM AIR ASSEMBLY				1		1	1		1
LUBRICATING SYSTEM									
LINES, HOSES, FITTINGS				1		1	1		1
OTHER	1		1	1		1	2		2
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
HYDRAULIC PITCH CONTROL MECHANISM				1		1	1		1
BLADE RETENTION MECHANISM				1		1	1		1
OTHER	1		1				1		1
EXHAUST SYSTEM									
MANIFOLDS				1		1	1		1
OTHER				1		1	1		1
ENGINE ACCESSORIES									
OTHER				1		1	1		1
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				1		1	1		1
MIXTURE CONTROL ASSEMBLIES				1		1	1		1
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					1	1		1	1
OTHER					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1	18		18	19		19
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
BLADE, TURBINE WHEEL				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONTROL UNIT, PCV					1	1		1	1
OTHER	1		1				1		1
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	6		6	47	8	55	53	8	61
** SYSTEMS **									
ELECTRICAL SYSTEM									
BATTERIES				1		1	1		1
REGULATOR				1		1	1		1
HYDRAULIC SYSTEM									
HYDRAULIC PUMPS				1		1	1		1
RESERVOIR, LINES, FITTINGS				1		1	1		1
SEALS				1		1	1		1
FLIGHT CONTROL SYSTEMS									
AILERON AND AILERON TAB CONTROL SYSTEM	1		1				1		1
WING FLAP CONTROL SYSTEM (ELECTRICAL)		1	1					1	1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	1	1	2	5		5	6	1	7

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES				1		1	1		1
BEARINGS	1		1				1		1
OTHER				1		1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
TAIL ROTOR DRIVE SHAFT ASSEMBLY	1		1	1		1	2		2
TAIL ROTOR GEAR BOX				1		1	1		1
OTHER	1		1	1		1	2		2
FLIGHT CONTROL SYSTEMS									
CYCLIC PITCH CONTROL SYSTEM	1		1				1		1
TAIL ROTOR PITCH CONTROL SYSTEM				1		1	1		1
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL	4		4	6		6	10		10
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
RUNWAY LIGHTING					1	1		1	1
AIRPORT CONDITIONS									
WET RUNWAY					4	4		4	4
SOFT SHOULDERS (RUNWAY)					3	3		3	3
HIGH VEGETATION		1	1		1	1		2	2
HIDDEN HAZARD				1		1	1		1
POORLY MAINTAINED RUNWAY SURFACE					1	1		1	1
OTHER					6	6		6	6
AIRWAYS FACILITIES									
SUBTOTAL		1	1	1	16	17	1	17	18
** WEATHER **									
LOW CEILING		9	9		3	3		12	12
RAIN		6	6		3	3		9	9
FOG		9	9		3	3		12	12
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		1	1					1	1
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING					2	2		2	2
UNFAVORABLE WIND CONDITIONS				1	16	17	1	16	17
DOWNDRAFTS, UPDRAFTS					1	1		1	1
HIGH TEMPERATURE		1	1					1	1
OBSTRUCTIONS TO VISION		1	1					1	1
HIGH DENSITY ALTITUDE		3	3		4	4		7	7
THUNDERSTORM ACTIVITY		5	5		3	3		8	8
SUBTOTAL		35	35	1	35	36	1	70	71
** TERRAIN **									
WET, SOFT GROUND		1	1		9	9		10	10
HIGH VEGETATION					5	5		5	5
HIDDEN OBSTRUCTIONS					2	2		2	2
ROUGH/UNEVEN		1	1	2	18	20	2	19	21
HIGH OBSTRUCTIONS		10	10	2	26	28	2	36	38
SANDY					2	2		2	2
OTHER		1	1		7	7		8	8
SUBTOTAL		13	13	4	69	73	4	82	86
** MISCELLANEOUS **									
SMOKE IN COCKPIT					3	3		3	3
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				5		5	5		5
UNDETERMINED	1		1	3		3	4		4
VORTEX TURBULENCE	1		1	2		2	3		3
PROP/JET/ROTOR BLAST				1		1	1		1
ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP				2		2	2		2
EVASIVE MANEUVER TO AVOID COLLISION	1		1	3	3	6	4	3	7
UNQUALIFIED PERSON OPERATED AIRCRAFT				1		1	1		1
DIRECT ENTRIES				1		1	1		1
SUBTOTAL	3		3	18	6	24	21	6	27
GRAND TOTAL	115	72	187	362	165	527	477	237	714

** MISCELLANEOUS ACTS, CONDITIONS **

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FIRE OF UNDETERMINED ORIGIN					2	2		2	2
POOR WELD	1		1				1		1
PREVIOUS DAMAGE				2		2	2		2
LEAK/LEAKAGE	1		1	5		5	6		6
LOW COMPRESSION					1	1		1	1
RUNWAY CLOSED					1	1		1	1
DOWNWIND		2	2		2	2		4	4
CARBON DEPOSITS				1		1	1		1
LOOSE, PART/FITTING				1	1	2	1	1	2
BINDING				2		2	2		2
DISCONNECTED	1		1	2		2	3		3
EXCESSIVE-WEAR/PLAY				2		2	2		2
FRAYED				1		1	1		1
IMPROPERLY INSTALLED				3		3	3		3
OBSTRUCTED				4		4	4		4
OVERHEATED				3		3	3		3
PINCHED					1	1		1	1
EXCESSIVE PRESSURE				2		2	2		2
SCORED				1		1	1		1
STICKING				1		1	1		1
VIBRATION, EXCESSIVE				2		2	2		2
WARPED				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				1	1	2	1	1	2
INTENTIONAL WHEELS UP				4	1	5	4	1	5
RAN OFF END OF RUNWAY					10	10		10	10
ALTIMETER SETTING-INCORRECT		1	1					1	1
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				2		2	2		2
DISREGARD OF GOOD OPERATING PRACTICE				1		1	1		1
IMPROPER EMERGENCY PROCEDURES	3		3	2	1	3	5	1	6
INSTRUMENTS-MISREAD OR FAILED TO READ					1	1		1	1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				3	1	4	3	1	4
UNWARRANTED LOW FLYING	2	6	8	2		2	4	6	10
FAILED TO USE ALL AVAILABLE RUNWAY	1		1				1		1
LANDED AT WRONG AIRPORT					1	1		1	1
INATTENTIVE TO FUEL SUPPLY	1		1	2		2	3		3
FLEW INTO BLIND CANYON	1		1				1		1
POORLY PLANNED APPROACH					2	2		2	2
MISCALCULATED FUEL CONSUMPTION				1		1	1		1
JETTISONED LOAD					1	1		1	1
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT					1	1		1	1
IMPROPERLY SECURED				1		1	1		1
ENGINE LOADED UP				3		3	3		3
FATIGUE FRACTURE	3		3	1	1	2	4	1	5
HYDRAULIC FAILURE				1		1	1		1
IMPROPER GRADE OIL-LUBRICATING SYSTEM				1		1	1		1
WRONG PART	2		2				2		2
IMPROPER ALIGNMENT/ADJUSTMENT				1	3	4	1	3	4
FAILURE OF TWO OR MORE ENGINES					1	1		1	1
SEPARATION IN FLIGHT		1	1		2	2		3	3
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					1	1		1	1
FIRE IN ENGINE				1	1	2	1	1	2
CORRODED/CORROSION	1		1	1		1	2		2
INCORRECT TRIM SETTING	1	1	2				1	1	2
PILOT FATIGUE		1	1		1	1		2	2
FUEL EXHAUSTION	1		1	15		15	16		16
PILOT SUFFERED HEART ATTACK		1	1					1	1
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	1		1				1		1
ICE-CARBURETOR				2		2	2		2
AIRFRAME ICE	1		1				1		1
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG		4	4					4	4
INTERFERENCE WITH FLIGHT CONTROLS				1		1	1		1
SUNGLARE		1	1		2	2		3	3
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1		1	1		1
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM	2		2	5		5	7		7
SIMULATED CONDITIONS		1	1		3	3		4	4
FUEL SIPHONING				1		1	1		1
WATER IN FUEL				5		5	5		5
AIRCRAFT CAME TO REST IN WATER		5	5		5	5		10	10
MISSING				1	1	2	1	1	2
TOUCH AND GO LANDING					7	7		7	7
HYDROPLANING ON WET RUNWAY					1	1		1	1
OVERLOAD FAILURE	1		1		26	26	1	26	27
MATERIAL FAILURE	3		3	24	1	25	27	1	28
FUEL STARVATION	2		2	4		4	6		6
OIL STARVATION				1		1	1		1
IMPROPER CLEARANCE-TOLERANCE	1		1				1		1

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL

DIRECT ENTRY CAUSES

PILOT-FAILED TO MAINTAIN POSITIVE RATE OF CLIMB
MISC-COLLIDED WITH RADIO CONTROLLED MODEL ACFT
PILOT-FAILED TO MAINTAIN POSITIVE RATE OF CLIMB

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE ORDER LISTING - ISSUE NO. 9, 1979

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2401	N9225T	090879	VERO BEACH,FL	PIPER	PA-38	NONE
3 2402	N19405	072779	CLEARWATER,FL	CESSNA	177	NONE
3 2403	N4402P	071479	HOBART,IN	PIPER	PA-23	SERIOUS
3 2404	N24489	090979	EAST CHICAGO,IN	CESSNA	152	NONE
3 2405	N9585U	090879	ROSELAWN,IN	GRUMMAN	AA1C	NONE
3 2406	N51880	020679	MISSING AIRCRAFT	PICCARD	AX-3	FATAL
3 2407	N9310F	090379	FLINT,MI	HUGHES	269B	MINOR
3 2408	N9369	092279	FRAZER,MI	BREEZY	RLU-1	FATAL
3 2409	N84660	100179	BYRON CENTER,MI	CESSNA	172K	MINOR
3 2410	N5791P	082979	BIG SANDY,MT	PIPER	PA-24	SERIOUS
3 2411	N49610	101679	NDILLON,MT	CESSNA	A185F	FATAL
3 2412	N84445	092779	NTHREE FORKS,MT	CESSNA	172K	NONE
3 2413	N3410S	091979	NBILLINGS,MT	CESSNA	182G	MINOR
3 2414	N83613	092579	NWINNETT,MT	PIPER	PA-18	NONE
3 2415	N3078G	062579	NEMIGRANT,MT	BELL	47G3B1	NONE
3 2416	N45361	101979	BILLINGS,MT	CESSNA	150	NONE
3 2417	N2069W	060879	BELOIT,WI	BEECH	V35	MINOR
3 2418	N14926	080579	OSHKOSH,WI	MUNNINGHOFF	FW-190	SERIOUS
3 2419	N19MD	070379	BURLINGTON,WI	DAVIS	DA-3	MINOR
3 2420	N65702	041079	COLOMA,WI	AEROFAB	LA4200	NONE
3 2421	N1934T	091579	BIRCHWOOD,WI	PIPER	PA-28	NONE
3 2422	N3VH	090479	MANITOWISH WTR,WI	CESSNA	182	NONE
3 2423	N1907X	110979	NWEST MILTON,OH	CESSNA	182	NONE

FILE ORDER LISTING - ISSUE NO. 9, 1979

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2424	N8745	073079	NSEWARD,AK	BELLANCA	7GCBC	NONE
3 2425	N88436	081779	NGLENALLEN,AK	BELLANCA	8GCBC	NONE
3 2426	N4471B	052879	NANCHORAGE,AK	CESSNA	170B	NONE
3 2427	N2683D	051779	GLENNALLEN,AK	CESSNA	170	NONE
3 2428	N9189A	060979	BIRCH LAKE,AK	CESSNA	170A	NONE
3 2429	N7603B	100679	OJAI,CA	CESSNA	152	MINOR
3 2430	N49LP	092979	ADELANTO,CA	LAISTER	LP-49	SERIOUS
3 2431	N13BT	101679	HAWTHORN,CA	CESSNA	501	NONE
3 2432	N7919V	081679	NBURNEY,CA	AERO COMNDR	A-9B	FATAL
3 2433	N459AP	090679	SAN DIEGO,CA	CESSNA	150	NONE
3 2434	N9492C	082679	NREDDING,CA	PIPER	PA-28R	MINOR
3 2435	N6415F	101479	SAN ANDREAS,CA	CESSNA	182	NONE
3 2436	N3012	092979	NREDWOOD CITY,CA	PIPER	PA-28	NONE
3 2437	N2881X	081079	SANTA BARBARA,CA	CESSNA	177	MINOR
3 2438	N95761	102379	NDAVENPORT,FL	SIKORSKY	S-55	FATAL
3 2439	N55WD	100279	FRESNO,CA	PIPER	PA-23	NONE
3 2440	N6027J	100679	HOLLISTER,CA	CESSNA	150	NONE
3 2441	N732AR	072279	NNEWPORT BEACH,CA	CESSNA	T210L	FATAL
3 2442	N2444K	082779	29 PALMS,CA	PIPER	PA-38	NONE
3 2443	N67522	101779	HAWTHORNE,CA	CESSNA	152	NONE
3 2444	N96315	090379	COURTLAND,CA	DOUGLAS	VJ22	FATAL
3 2445	N11633	093079	YAKIMA,WA	CESSNA	150L	NONE
3 2446	N8540C	060979	VANCOUVER,WA	PIPER	PA-22	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2447	N1416	080279	GOLDENDALE,WA	TAILWIND	W-8	NONE
3 2448	N735WR	071179	VANCOUVER,WA	CESSNA	182	NONE
3 2449	N816J	102879	ROCHE HARBOR,WA	PIPER	PA-28R	NONE
3 2450	N4755C	071179	EVERETT,WA	NAVION	L-17	NONE
3 2451	N6417K	092279	NBELLINGHAM,WA	CESSNA	R172K	NONE
3 2452	N74353	080479	FEDERAL WAY,WA	BELLANCA	14-13	NONE
3 2453	N3160A	100679	COPALIS BEACH,WA	CESSNA	170B	NONE
3 2454	N26832	091479	FRIDAY HARBOR,WA	GRUM-AMER	AA-5A	MINOR
3 2455	N9355K	091579	RENTON,WA	HUGHES	269B	MINOR
3 2456	N73524	091879	SPANAWAY,WA	CESSNA	172	NONE
3 2457	N6014B	080479	AUBURN,WA	CESSNA	180	NONE
3 2458	N6649T	100879	NRITZVILLE,WA	CESSNA	150	NONE
3 2459	N75177	090879	LOPEZ ISLAND,WA	PIPER	PA-28	NONE
3 2460	N11791	100779	JONESBORO,GA	CESSNA	150	NONE
3 2461	N7422F	080779	MONTEZUMA,GA	HUGHES	269C	NONE
3 2462	N8581L	082979	NNORMAN PARK,GA	PIPER	PA-25	MINOR
3 2463	N696IH	091679	MARIETTA,GA	CESSNA	172	NONE
3 2464	N7555Y	053079	JEFFERSON,GA	PIPER	PA-30	NONE
3 2465	N908B	090179	NHAHIRA,GA	BELL	47D1	NONE
3 2466	N8152Y	051179	NBALL GROUND,GA	PIPER	PA-30B	SERIOUS
3 2467	N7335B	092279	CLATSKANIE,OR	CESSNA	172N	NONE
3 2468	N51192	072479	NPILOT ROCK,OR	CESSNA	150	NONE
3 2469	N209AD	091279	GRANTS PASS,OR	M.B.B.	BO-209	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2470	N5305G	082279	SANDY,OR	CESSNA	305A	NONE
3 2471	N1717S	060779	NECHO,OR	SNOW	S2D	MINOR
3 2472	N51321	072179	NSISTERS,OR	CESSNA	150	SERIOUS
3 2473	N5770A	072979	NTORTILLA FLATS,AZ	CESSNA	172	SERIOUS
3 2474	N714XW	100179	NSPRINGERVILLE,AZ	CESSNA	152	NONE
3 2475	N7231W	082379	NSHONTO,AZ	PIPER	PA-28	NONE
3 2476	N87592	091179	PHOENIX,AZ	HUGHES	269A	NONE
3 2477	N24RM	022779	CHEYENNE,WY	DEHAVILLAND	DHC-6	MINOR
3 2478	N777AE	030179	GULFPORT,MS	EXCALIBUR	BE-70	FATAL
3 2479	N418SA	031079	MARINA DEL REY,CA	NORD-AVION	262	FATAL
3 2480	N1390U	052279	GRAND MARAIS,MN	CESSNA	172M	FATAL
3 2481	N40307	081979	NBATES,OR	MAULE	M4220C	NONE
3 2482	N4677K	091479	NCONDON,OR	CESSNA	182P	MINOR
3 2483	N21121	092979	SOUTH BEND,IN	CESSNA	182P	NONE
3 2484	N738VC	072179	SANTA ANA,CA	CESSNA	172N	NONE
3 2485	N2000T	100179	KNIGHTDALE,NC	CESSNA	310I	NONE
3 2486	N31272	100379	LITTLE ROCK,AR	BELLANCA	7GCBC	NONE
3 2487	N82282	042779	ELYRIA,OH	PIPER	PA-31T	FATAL
3 2488	N4031P	011879	SCOTTOWN,OH	PIPER	PA-23	FATAL
3 2489	N438A	050979	NBURTON,OH	BEECH	E18S	FATAL
3 2490	N83122	090379	EDINBORO,PA	AERONCA	7AC	FATAL
3 2491	N3976Y	102079	NBILLINGS,MT	CESSNA	210	NONE
3 2492	N97063	090479	NCANTON,MS	EMAIR	MA-1	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2493	N4433E	092679	CHESTERFIELD,VA	PIPER	PA-38	FATAL
3 2494	N5072R	102079	FALL CREEK,WI	CESSNA	172	FATAL
3 2495	N5343H	090879	RIDGELAND,SC	PIPER	PA-16	NONE
3 2496	N62902	082479	NSOMERTON,AZ	HILLER	UH-12E	FATAL
3 2497	N61424	100579	ELGIN,IL	PIPER	PA-32R	FATAL
3 2498	N2713R	091879	CHICAGO,IL	CESSNA	402C	SERIOUS
3 2499	N499AC	093079	ALMA,IL	BELLANCA	8KCAB	FATAL
3 2500	N6061A	102179	FAIR OAKS,CA	CESSNA	172	NONE
3 2501	N48784	082479	FAIR OAKS,CA	STEARMAN	A75N1	FATAL
3 2502	N81129	100679	ELSINORE,CA	GRUM-AMER	AA-5B	SERIOUS
3 2503	N60420	093079	VANCOUVER,WA	CESSNA	150	NONE
3 2504	N2356V	060379	NPORT ANGELES,WA	CESSNA	140	NONE
3 2505	N8341C	070379	TAYLOR,WI	PIPER	PA-28	FATAL
3 2506	N7540V	072779	SHEBOYGEN,WI	CESSNA	177RG	FATAL
3 2507	N11569	092479	PLATTEVILLE,WI	CESSNA	150	NONE
3 2508	N5809D	072179	PELLSTON,MI	PIPER	PA-22	FATAL
3 2509	N4392T	090279	GRAYLING,MI	PIPER	PA-28R	FATAL
3 2510	N1400W	081979	LAFAYETTE,LA	BELL	47G-4A	NONE
3 2511	N155AL	091879	PATTERSON,LA	BELL	206B	NONE
3 2512	N713SP	100479	NALEXANDRIA,LA	AERO COMDR	680W	MINOR
3 2513	N4485Y	092879	NBATON ROUGE,LA	PIPER	PA-25	NONE
3 2514	N9784U	092179	MINDEN,LA	GRUM-AMER	AA1-C	NONE
3 2515	N9976N	102279	NMORGAN CITY,LA	CESSNA	180F	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2516	N9448G	092479	VACHERIE,LA	CESSNA	188B	NONE
3 2517	N8509	072979	LAWTON,OK	BELLANCA	7KCAB	NONE
3 2518	N9700T	082579	MANNFORD,OK	PIPER	PA-38	MINOR
3 2519	N1073X	092779	NTULSA,OK	PIPER	PA-28R	NONE
3 2520	N46084	070279	NCOWETA,OK	PIPER	PA-25	SERIOUS
3 2521	N111CW	092979	BARTLESVILLE,OK	PITTS	S-1C	NONE
3 2522	N7404	101479	CYPRESS,TX	DEHAVILLAND	DH-82A	NONE
3 2523	N99813	092979	ATOKA,OK	ERCO	415-C	NONE
3 2524	N2191U	100179	GUYMON,OK	BRANTLEY	B-2B	NONE
3 2525	N4634K	091979	EL RENO,OK	CESSNA	R172K	NONE
3 2526	N3808P	080879	O'KEENE,OK	PIPER	PA-22	SERIOUS
3 2527	N87977	103179	NNEAH BAY,WA	HILLER ACFT	UH-12E	NONE
3 2528	N68267	091679	ROCHESTER,WA	CESSNA	152	NONE
3 2529	N9256F	012279	NABERDEEN,WA	HUGHES	369HS	MINOR
3 2530	N8937S	090979	COTTAGE GROVE,OR	CESSNA	150F	MINOR
3 2531	N93086	082579	NEUGENE,OR	CESSNA	A185F	NONE
3 2532	N89803	081979	NNASHVILLE,GA	CESSNA	152	NONE
3 2533	N6322R	081279	NCANTON,GA	PIPER	PA-28	FATAL
3 2534	N5203H	050679	NSAVANNAH,GA	PIPER	PA-16	FATAL
3 2535	N29093	052579	ALEXANDER CITY,AL	CESSNA	TU206C	MINOR
3 2536	N8410F	090779	NTUSCALOOSA,AL	CESSNA	401	NONE
3 2537	N7644E	070479	NOZARK,AL	BELLANCA	14-193	FATAL
3 2538	N9983U	101279	COLD SPRING,TX	GRUM-AMER	AA-5A	NONE

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2539	N8647	100679	NBIG SPRING,TX	BELLANCA	7KCAB	SERIOUS
3 2540	N2309G	110779	ROANOKE,TX	CESSNA	182	NONE
3 2541	N332K	090379	LAREDO,TX	BEECH	65-90	NONE
3 2542	N7925L	110279	DALHART,TX	BEECH	A23	NONE
3 2543	N5139B	082379	FORT WORTH,TX	CESSNA	152	SERIOUS
3 2544	N59742	091579	LA GRANGE,TX	BOEING	A75N1	NONE
3 2545	N21EB	102679	FORT WORTH,TX	CESSNA	177RG	NONE
3 2546	N2738M	100179	AUSTIN,TX	PIPER	PA-12	NONE
3 2547	N1140B	081279	CLEBURNE,TX	CESSNA	177	SERIOUS
3 2548	N8573F	082479	NALICE,TX	BELL	47G-4A	NONE
3 2549	N51774	071379	VICTORIA,TX	ENSTROM	F-28C	NONE
3 2550	N25281	091079	CORSICANA,TX	CESSNA	152	NONE
3 2551	N40391	092279	MANSFIELD,TX	FIREFLY	7	SERIOUS
3 2552	N7111J	081879	HOUSTON,TX	BELL	206B	NONE
3 2553	N4922	091479	NCONROE,TX	CESSNA	170B	MINOR
3 2554	N8443N	092779	DALLAS,TX	BEECH	D55	NONE
3 2555	N24147	090879	NSUNSET,TX	PIPER	PA-38	NONE
3 2556	N8611F	100979	DALLAS,TX	HUGHES	369D	NONE
3 2557	N9869V	091879	HENRIETTA,TX	CESSNA	188	NONE
3 2558	N7586F	090279	HOUSTON,TX	CHAMPION	7ECA	MINOR
3 2559	N53200	101279	STANTON,TX	CESSNA	A188B	NONE
3 2560	N2HJ	050679	HOUSTON,TX	BELL	206B	SERIOUS
3 2561	N85703	102079	KILGORE,TX	AERONCA	7AC	NONE

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3 2562	N99271	081279	ODESSA,TX	ERCO	415-C	SERIOUS
3 2563	N717AH	101279	NOCONA,TX	BEECH	58P	NONE
3 2564	N8576L	102679	NABILENE,TX	PIPER	PA-25	NONE
3 2565	N6598P	082879	NWALL,TX	PIPER	PA-24	NONE
3 2566	N9305N	091679	PORTLAND,TX	PIPER	PA-28R	NONE
3 2567	N2538J	082479	NADRIAN,TX	CESSNA	188	MINOR
3 2568	N3902T	091079	WICHITA FALLS,TX	PIPER	PA-28R	MINOR
3 2569	N21782	071379	NBELLE GLADE,FL	DOUGLAS	DC-3	NONE
3 2570	N5111G	080479	W PALM BEACH,FL	CESSNA	150	FATAL
3 2570	N7708Y	080479	W PALM BEACH,FL	PIPER	PA-30	FATAL
3 2571	N26147	072279	NFT.PIERCE,FL	PIPER	J-3C65	FATAL
3 2572	N2032C	060679	LEESBURG,FL	BEECH	95	FATAL
3 2573	N1495T	040279	DAVIE,FL	PIPER	PA-34	FATAL
3 2573	N3740Q	040279	DAVIE,FL	BEECH	D95A	FATAL
3 2574	N1514S	052679	DANIA,FL	LOCKHEED	PV-1	FATAL
3 2575	N9789U	080279	ORLANDO,FL	GRUM AMER	AA-5A	FATAL
3 2576	N72DR	052779	BOCA RATON,FL	BEECH	65	FATAL
3 2577	N1738X	100779	NOSTEEN,FL	CESSNA	210	FATAL
3 2578	N45133	042679	PENSACOLA,FL	CESSNA	177RG	NONE
3 2579	N2052W	081279	NKEYSTONE,FL	PIPER	PA-32	FATAL
3 2580	N2499C	072879	NHOMESTEAD,FL	CESSNA	180	NONE
3 2581	N500GH	090779	ROTONDA,FL	BELL	206B	NONE
3 2582	N47009	090879	LUTZ,FL	CESSNA	152	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2583	N1414G	062479	OPA LOCKA,FL	BEECH	B95A	NONE
3 2584	N49999	092379	CHAMPAIGN,IL	BOEING	A-75	NONE
3 2585	N655	092979	PLAINFIELD,IL	VOLKSPLANE	VP-1	FATAL
3 2586	N2676H	101979	GRAFTON,IL	ERCO	415-C	MINOR
3 2587	N9917J	100779	MOWEAQUA,IL	SCHWEIZER	SGU222	SERIOUS
3 2588	N5104R	101079	SIDNEY,IL	BEECH	B19	NONE
3 2589	N1972J	070179	SPRINGBROOK,WI	CESSNA	140	FATAL
3 2590	N22FW	070379	NEILLSVILLE,WI	CESSNA	182P	SERIOUS
3 2591	N9801V	072079	COLEMAN,WI	CESSNA	172	NONE
3 2592	N3016H	081879	KENOSHA,WI	PIPER	PA-28	FATAL
3 2593	N6308N	101679	BATESVILLE,AR	BELLANCA	7ECA	NONE
3 2594	N98667	110679	PINE BLUFF,AR	PIPER	J-3	SERIOUS
3 2595	N7735A	042179	ROGERS,AR	LEAR JET	35A	NONE
3 2596	N1650R	100579	FREDERICKTOWN,OH	GRUM-AMER	AA1-B	NONE
3 2597	N9281T	102979	MARION,OH	PIPER	PA-38	NONE
3 2598	N53969	102279	DAYTON,OH	BELLANCA	7ECA	NONE
3 2599	N4520M	082379	NDILLINGHAM,AK	PIPER	PA-11	FATAL
3 2600	N19BC	081679	MANCHESTER,MI	STITTS	SA-3A	FATAL
3 2601	N5031U	051179	BAD AXE,MI	CESSNA	206	SERIOUS
3 2602	N7809Q	101779	NLANSING,MI	CESSNA	402A	NONE
3 2603	N3564Y	092879	GLADWIN,MI	CESSNA	182F	MINOR
3 2604	N4348W	081179	BURTON,WA	BEECH	B24R	MINOR
3 2605	N2680Z	111179	COLLEGE PLACE,WA	BELLANCA	7KCAB	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2606	N5JU	092179	SPOKANE,WA	CESSNA	P337	NONE
3 2607	N6961U	102779	EVERETT,WA	MOONEY	M20C	NONE
3 2608	N2933W	060679	COLVILLE,WA	WEATHERLY	201A	NONE
3 2609	N2578B	032579	NHATCH,NM	PIPER	PA-38	NONE
3 2610	N842JW	050879	NEL MORRO,NM	MOONEY	M20F	FATAL
3 2611	N4798K	072679	FARMINGTON,NM	CESSNA	P210	SERIOUS
3 2612	N83286	081579	NARTESIA,NM	PIPER	PA-18	FATAL
3 2613	N2469J	082879	OAKLEY,UT	CESSNA	150	MINOR
3 2614	N3893M	021779	NLOGAN,UT	PIPER	PA-28	FATAL
3 2614	N47378	021779	NLOGAN,UT	PIPER	PA-28	FATAL
3 2615	N8019G	072179	NFAIRPLAY,CO	CESSNA	177RG	FATAL
3 2616	N73963	081779	NRICO,CO	BELL	47G3B1	FATAL
3 2617	N6220V	081579	SANDPOINT,ID	BEECH	95-B55	NONE
3 2618	N9526U	101779	REXBURG,ID	AMER AVCO	AA1-C	NONE
3 2619	N4270B	110379	SILSBEE,TX	BEECH	F35	SERIOUS
3 2620	N90049	042679	NSABINE PASS,TX	AEROSPATILE	SA365C	SERIOUS
3 2621	N75939	110179	CRYSTAL CITY,TX	BOEING	B75N1	NONE
3 2622	N58193	100579	HOUSTON,TX	HUGHES	369D	SERIOUS
3 2623	N9018X	102379	SONORA,TX	CESSNA	182	FATAL
3 2624	N71967	110179	LUBBOCK,TX	CESSNA	U206D	NONE
3 2625	N36338	041379	NCROWELL,TX	BELLANCA	7GCBC	FATAL
3 2626	N47270	101979	HENRYETTA,OK	CESSNA	188B	NONE
3 2627	N22111	071479	RENO, NV	BEECH	C23	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2628	N64168	070379	CHENOA,IL	CESSNA	172M	FATAL
3 2629	N500TS	071179	ATLANTIC CITY,NJ	TED SMITH	TS-600	NONE
3 2630	N1752G	092179	SUNRIVER,OR	BEECH	P35	NONE
3 2631	N1716J	061679	RILEY,OR	PIPER	PA-28	NONE
3 2632	N2413E	110379	NTRONA,CA	CESSNA	172	MINOR
3 2633	N7915Y	111479	FAIR OAKS,CA	PIPER	PA-30	NONE
3 2634	N37789	092979	NPOTTER VALLEY,CA	VOLKSPLANE	1	SERIOUS
3 2635	N4414	101779	MENDOTA,CA	HILLER	UH-12E	SERIOUS
3 2636	N15969	102979	HUNTINGTON BCH,CA	PIPER	PA-28	NONE
3 2637	N4438S	101779	NGREENFIELD,CA	AIR TRACOTR	AT-301	NONE
3 2638	N5160Y	092979	REDDING,CA	PIPER	PA-23	SERIOUS
3 2639	N7556Y	082779	FAIR OAKS,CA	CESSNA	182	NONE
3 2640	N66019	101479	VAN NUYS,CA	CESSNA	150L	NONE
3 2641	N88406	102779	CORONA,CA	BELLANCA	7KCAB	FATAL
3 2642	N5627J	100679	NHOLTVILLE,CA	CESSNA	188	NONE
3 2643	N9248L	102179	REDFIELD,SD	AMER AVCO	AA-1A	NONE
3 2644	N5012X	071779	MOUND CITY,MO	ROCKWELL	S2R	NONE
3 2645	N27614	092079	LULING,LA	PIPER	PA-31	FATAL
3 2646	N8228P	090879	WARRENTON,VA	PIPER	PA-18	FATAL
3 2647	N20739	070479	KITTY HAWK,NC	CESSNA	172	FATAL
3 2648	N739CZ	092279	PADUCAH,KY	CESSNA	172	NONE
3 2649	N3000N	090579	RIVERTON,WV	CESSNA	120	SERIOUS
3 2650	N345B	070379	NASHDOWN,AR	CESSNA	340	FATAL

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3 2650	N73532	070379	NASHDOWN,AR	CESSNA	R172	FATAL
3 2651	N24601	091679	MANCHESTER,NH	BEECH	19	FATAL
3 2652	N7338U	010879	JACKSONVILLE,FL	CESSNA	411	FATAL
3 2653	N31NA	091379	MT AIRY,MD	GRUMMAN	AA1C	NONE
3 2654	N2344J	042179	LEBANON,NH	PIPER	PA-18	FATAL
3 2655	N29482	060979	LONG BEACH,CA	CESSNA	177	FATAL
3 2656	N3286X	062879	SUMMERVILLE,WV	CESSNA	310L	NONE
3 2657	N6791N	070579	BLUEFIELD,WV	MOONEY	M20G	NONE
3 2657	N977LB	070579	BLUEFIELD,WV	PIPER	PA-34	NONE
3 2658	N69733	061979	CHARLESTON,WV	CESSNA	421B	FATAL
3 2659	N6356X	071879	NEMBLER,OR	BELL	47G	MINOR
3 2660	N1787E	092379	TIGARD,OR	AERONCA	7AC	NONE
3 2661	N6351F	060179	ESTACADA,OR	CESSNA	337A	NONE
3 2662	N38790	070879	CLATSKANIE,OR	PIPER	J-3	MINOR
3 2663	N3033X	100779	ARLINGTON,WA	CESSNA	150F	FATAL
3 2664	N9293L	090379	COLUMBIA,CA	GRUM-AMER	AA1-A	FATAL
3 2665	N45490	060779	WENATCHEE,WA	CESSNA	402	NONE
3 2666	N86531	081979	FAYETTEVILLE,TN	BENSON	R8M	FATAL
3 2667	N40090	071579	CLARKSVILLE,TN	CESSNA	402	NONE
3 2667	N5567V	071579	CLARKSVILLE,TN	BEECH	T-34	NONE
3 2668	N614L	090479	SOMERSET,KY	BEECH	V35	NONE
3 2669	N7635R	082479	NNEIHART,MT	BEECH	B23	FATAL
3 2670	N2818N	090179	NPAISLEY,OR	PIPER	PA-28	FATAL

FILE ORDER LISTING - ISSUE NO. 9, 1979

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2671	N9753M	090179	NEWBERG,OR	MOONEY	M20C	FATAL
3 2672	N40332	082279	VANCOUVER,WA	MAULE	M-4	MINOR
3 2673	N6GJ	082979	OTHELLO,WA	LEAR JET	23	NONE
3 2674	N377FH	090679	NARLINGTON,WA	HILLER	FH1100	SERIOUS
3 2675	N249D	090779	NBELLINGHAM,WA	BEECH	D35	SERIOUS
3 2676	N219RM	100879	NSWAN VALLEY,ID	AEROSPATIAL	SA315B	FATAL
3 2677	N42641	101579	NMACKS INN,ID	CESSNA	182L	FATAL
3 2678	N8884	093079	ATHOL,ID	BELLANCA	7KCAB	FATAL
3 2679	N4260S	062579	BONDURANT,WY	BEECH	A-36	NONE
3 2680	N18585	083179	TEWKSBURY,MA	CESSNA	150L	NONE
3 2681	N8173Z	110679	MANSFIELD,OH	CESSNA	205	MINOR
3 2682	N38704	010179	ASPEN,CO	PIPER	PA-28R	NONE
3 2683	N93010	100879	WESTHAMPTON,NY	CESSNA	185	SERIOUS
3 2684	N53165	091279	CADE,LA	BOEING	A75N1	NONE
3 2685	N7188C	103079	CONNELLSVILLE,PA	CESSNA	TR-182	NONE
3 2686	N2889G	111879	GRASONVILLE,MD	PIPER	PA-28	NONE
3 2687	N9941V	092979	MUNSON ISLAND,AK	CESSNA	180H	NONE
3 2688	N759FG	092079	BROOKLET,GA	CESSNA	182Q	NONE
3 2689	N62B	071379	NSAN JUAN,PR	BEECH	E18S	NONE
3 2690	N80921	060779	BOULDER JCT,WI	CESSNA	172H	MINOR
3 2691	N7115N	101579	MIDDLETON,WI	BEECH	56TC	MINOR
3 2692	N2200H	101479	STURGIS,SD	ERCO	415-C	SERIOUS
3 2693	N1882R	071079	SIOUX FALLS,SD	RAVEN	RX-6	SERIOUS

FILE ORDER LISTING - ISSUE NO. 9, 1979

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2694	N7WC	102079	ABERDEEN,SD	VARIEZE	RATAN	NONE
3 2695	N731CS	081479	ASHTON,SD	CESSNA	188B	NONE
3 2696	N54435	092379	OMAHA,NE	PIPER	PA-28	NONE
3 2697	N7959F	101079	NO'NEILL,NE	CESSNA	150	MINOR
3 2698	N58320	072779	NSHELTON,NE	HUGHES	269C	NONE
3 2699	N9275R	071279	HARTINGTON,NE	CESSNA	A188B	NONE
3 2700	N50467	111779	NEBRASKA CITY,NE	CESSNA	150J	MINOR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2535	5/25/79 TIME - 2230	ALEXANDER CITY,AL	CESSNA TU206C N29093 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 200 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RUSSELL
DEPARTURE POINT
MONTGOMERY,AL
INTENDED DESTINATION
STONE MOUNTAIN,GA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- NO 4 CYL FAILED DUE UNDET REASON-ACFT LANDED IN MIDDLE OF RWY AND FLIPPED OVER BEYOND RWY END.

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                      PILOT DATA
                                                                 F  S M/N      PURPOSE
3-2537  7/4/79   NR.OZARK,AL               BELLANCA 14-193     CR-  1  0  0  NONCOMMERCIAL               COMMERCIAL, AGE 56, 16727
        TIME - 1215                         N7644F              PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, UNK/NR IN
                                            DAMAGE-DESTROYED                                              TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - BRESHEARS STRIP
        DEPARTURE POINT                   INTENDED DESTINATION
          MONROEVILLE,AL                   OZARK,AL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          OVERSHOOT                                                  LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                       LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          WEATHER - HIGH TEMPERATURE
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          NONE                                                      101
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          280                                                       4
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          VFR                                                       NONE

3-2536  9/7/79   NR.TUSCALOOSA,AL          CESSNA 401          CR-  0  0  1  COMMERCIAL                 COMMERCIAL, FL.INSTR.,
        TIME - 0951                         N8410F              PX-  0  0  3  AIR TAXI-PASSG             AGE 32, 1852 TOTAL HOURS,
                                            DAMAGE-SUBSTANTIAL                                          5 IN TYPE, INSTRUMENT
        DEPARTURE POINT                   INTENDED DESTINATION                                          RATED.
          JACKSON,MS                       TUSCALOOSA,AL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          FIRE OR EXPLOSION  IN FLIGHT                               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - EXHAUST SYSTEM  MANIFOLDS
          MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
          MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
        REMARKS- CHARTER FLT.
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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2427  5/17/79    GLENNALLEN,AK          CESSNA 170            CR-  0  0  1  NONCOMMERCIAL                   STUDENT, AGE 30, 38 TOTAL
        TIME - 1140                       N2683D                PX-  0  0  0  PLEASURE/PERSONAL TRANSP        HOURS, ALL IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                                  INSTRUMENT RATED.
        NAME OF AIRPORT - GULKANA
        DEPARTURE POINT               INTENDED DESTINATION
          KENAI,AK                      GLENNALLEN,AK
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                       LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
        REMARKS- WND GUSTING 20 TO 25 KTS.


3-2426  5/28/79  NR.ANCHORAGE,AK          CESSNA 170B           CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 48, 396
        TIME - 1330                       N4471B                PX-  0  0  2  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 250 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
         ANCHORAGE,AK                   ANCHORAGE,AK
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          STALL  MUSH                                                    TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        REMARKS- 800FT GRAVEL STRIP.STALLED INTO TREES.


3-2428  6/9/79     BIRCH LAKE,AK          CESSNA 170A           CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 57, 273
        TIME - 2100                       N9189A                PX-  0  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 100 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          QUARTZ LAKE,AK                FAIRBANKS,AK
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                       LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        REMARKS- PLT STATED-GUST OF WND CAUGHT RGT WING DRG PSBL SLGT LEFT TURN AT TOUCHDOWN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2424	7/30/79 TIME - 1600	NR.SEWARD,AK	BELLANCA 7GCBC N8745 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL FISH SPOTTING	PRIVATE, AGE 42, 2800 TOTAL HOURS, 363 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HOMER,AK
INTENDED DESTINATION
CAPE DOUGLAS,AK
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - OTHER
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
FIRE AFTER IMPACT
REMARKS- ENG FAILED WHILE SPOTTING FISH.ENROUTE TO BEACH,HIT SUBMERGED ROCKS DRG LNDG.TIDE CVRD WRECKAGE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2425	8/17/79 TIME - 1400	NR.GLENALLEN,AK	BELLANCA 8GCBC N88436 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 23, 1382 TOTAL HOURS, 527 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LITTLE JCK CREEK
DEPARTURE POINT
GULKANA,AK
INTENDED DESTINATION
GLENALLEN,AK
TYPE OF ACCIDENT
COLLIDED WITH DITCHES
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIDDEN HAZARD
REMARKS- LND ON BRUSH STRIP.PLT UNABLE TO SEE DITCH ON STRIP DRG LOW PASS PRIOR TO LNDG.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                               PILOT DATA
                                                                F  S M/N     PURPOSE

3-2599 8/23/79  NR.DILLINGHAM,AK      PIPER PA-11          CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 29, 262
       TIME - UNK/NR                  N4520M               PX-  1  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, UNK/NR IN
                                      DAMAGE-DESTROYED                                                 TYPE, NOT INSTRUMENT
                                                                                                       RATED.
       DEPARTURE POINT             INTENDED DESTINATION
        UNKNOWN/NOT REPORTED         PROTECTION POINT,AK
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
        COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
       FACTOR(S)
         PILOT IN COMMAND - PHYSICAL IMPAIRMENT
         WEATHER - FOG

       SKY CONDITION                                            CEILING AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                     UNKNOWN/NOT REPORTED
       VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                     UNKNOWN/NOT REPORTED
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TYPE OF WEATHER CONDITIONS
         UNKNOWN/NOT REPORTED                                     UNKNOWN/NOT REPORTED
       TYPE OF FLIGHT PLAN
         NONE
       FIRE AFTER IMPACT
       REMARKS- 0.5 MCG/ML COCAINE IN BLOOD.GASTRIC CONTENTS-POS FOR AMPHETAMINES,PHENYLPROPANOLAMINE,COCAINE.


3-2687 9/29/79    MUNSON ISLAND,AK    CESSNA 180H          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 59, 23000
       TIME - 1400                    N9941V               PX-  0  0  0  BUSINESS                      TOTAL HOURS, 4000 IN
                                      DAMAGE-SUBSTANTIAL                                               TYPE, NOT INSTRUMENT
                                                                                                       RATED.
       NAME OF AIRPORT - BEACH ON ISLAND
       DEPARTURE POINT             INTENDED DESTINATION         LAST ENROUTE STOP
         EMMONAK,AK                  RETURN                       MUNSON ISLAND,AK
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                 TAKEOFF  RUN
         COLLIDED WITH  OBJECT                                    TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
       FACTOR(S)
         WEATHER - RAIN
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                            CEILING AT ACCIDENT SITE
         OVERCAST                                                 3500
       VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                     RAIN
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TYPE OF WEATHER CONDITIONS
         NONE                                                     VFR
       TYPE OF FLIGHT PLAN
         VFR
       REMARKS- COLLIDED WITH DRIFTWOOD ON BEACH DURING TAKEOFF.
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FILE   DATE          LOCATION            AIRCRAFT DATA         INJURIES    FLIGHT                         PILOT DATA
                                                                F  S M/N   PURPOSE

3-2473 7/28/79  NR.TORTILLA FLATS,AZ  CESSNA 172          CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 35, 452
       TIME - 1800                    N5770A              PX-  0  2  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-DESTROYED                                           NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         MESA,AZ                       SPRINGERVILLE,AZ
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
         COLLISION WITH GROUND/WATER  CONTROLLED                     LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2475 8/23/79  NR.SHONTO,AZ          PIPER PA-28         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 34, 333
       TIME - 1930                    N7231W              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         POLACCA,AZ                    KAYENTA,AZ
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - SANDY
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- ACFT LANDED IN SOFT SAND


3-2496 8/24/79  NR.SOMERTON,AZ        HILLER UH-12E       CR-  1  0  0  COMMERCIAL                 COMMERCIAL, AGE 32, 7000
       TIME - 0115                    N62902              PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 3000 IN
                                        DAMAGE-DESTROYED                                           TYPE, NOT INSTRUMENT
       DEPARTURE POINT               INTENDED DESTINATION                                          RATED.
         SOMERTON,AZ                   LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                                 IN FLIGHT  PROCEDURE TURNAROUND

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         ROTORCRAFT - FLIGHT CONTROL SYSTEMS  CYCLIC PITCH CONTROL SYSTEM
         MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
       REMARKS- BOLT,AN175-46A,CONNECTING FORE & AFT CYCLIC CONTROL BELLCRANK BACKED OUT,NUT,MS21042L5,MISSING.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2476	9/11/79 TIME - 1330	PHOENIX,AZ	HUGHES 269A N87592 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL MAPPING/PHOTO	COMMERCIAL, FL.INSTR., AGE 33, 3943 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  PHOENIX,AZ
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING ROLL-ON/RUN-ON
  LANDING ROLL-ON/RUN-ON

PROBABLE CAUSE(S)
  MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
  MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- PHOTO EQUIPMENT BLOCKED ANTI-TORQUE PEDALS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2474	10/1/79 TIME - 1043	NR.SPRINGERVILLE,AZ	CESSNA 152 N714XW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 49, 5950 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  SPINGERVILLE,AZ
INTENDED DESTINATION
  PHOENIX,AZ
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
  WEATHER - DOWNDRAFT,UPDRAFTS
  WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE

SKY CONDITION
  SCATTERED
CEILING AT ACCIDENT SITE
  UNLIMITED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  81
WIND DIRECTION-DEGREES
  10
WIND VELOCITY-KNOTS
  4
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2595	4/21/79 TIME - 1200	ROGERS,AR	LEAR JET 35A N7735A DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 58, 6376 TOTAL HOURS, 3200 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ROGERS MUN-CARTER
DEPARTURE POINT
CHICAGO,IL
INTENDED DESTINATION
PHOENIX,AZ
LAST ENROUTE STOP
ROGERS,AR
TYPE OF ACCIDENT
DRAGGED WINGTIP,POD,OR FLOAT
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IFR OPERATION
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
400
VISIBILITY AT ACCIDENT SITE
2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2650	7/3/79 TIME - 1815	NR.ASHDOWN,AR	CESSNA 340 N345B DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0 OT- 3 0 0	NONCOMMERCIAL CORP/EXEC	ATP,FLIGHT INSTR., AGE 36, 5375 TOTAL HOURS, 36 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
LITTLE ROCK,AR
INTENDED DESTINATION
DALLAS,TX
TYPE OF ACCIDENT
COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - NO CONTROL
TRAFFIC ADVISORY ISSUED - NONE
EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROL ZONE/AREA - NO
ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN

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FILE    DATE            LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                                  PILOT DATA
                                                                F  S M/N       PURPOSE

3-2650  7/3/79   NR.ASHDOWN,AR           CESSNA R172          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 55, 134
        TIME - 1815                      N73532               PX-  2  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                         DAMAGE-DESTROYED     OT-  4  0  0                            NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          TEXARKANA,AR                   LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                    IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT

        SPECIAL DATA
          SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
          CONTROLLING AGENCY - NO CONTROL                            RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
          TRAFFIC ADVISORY ISSUED - NONE                             CONTROL ZONE/AREA - NO
          EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED                ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN


3-2486  10/3/79    LITTLE ROCK,AR        BELLANCA 7GCBC       CR-  0  0  2  INSTRUCTIONAL             COMMERCIAL, AGE 38, 8345
        TIME - 1630                      N31272               PX-  0  0  0  DUAL                      TOTAL HOURS, 55 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          LITTLE ROCK,AR                 LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          NOSE OVER/DOWN                                             LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        REMARKS- IP STATED-NOSED OVER AS ACFT CROSSED TERRACE IN FARM FLD.


3-2593  10/16/79   BATESVILLE,AR         BELLANCA 7ECA        CR-  0  0  1  MISCELLANEOUS             CERTIFICATE UNKNOWN, AGE
        TIME - UNK/NR                    N6308N               PX-  0  0  0  OTHER                     UNK/NR, UNK/NR TOTAL
                                         DAMAGE-SUBSTANTIAL                                           HOURS, UNK/NR IN TYPE,
                                                                                                      UNK/NR INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          MOUNTAIN VIEW,AR               UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  TREES                                       UNKNOWN/NOT REPORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
        REMARKS- ACFT STOLEN ON 7/12/79.ACDNT DATE & INJURY INDEX PRESUMED.
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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                                PILOT DATA
                                                                  F  S M/N     PURPOSE

3-2594  11/6/79    PINE BLUFF,AR        PIPER J-3             CR-  0  1  0  NONCOMMERCIAL
        TIME - 1455                     N98667                PX-  0  0  0  BUSINESS                   PRIVATE, AGE 20, 131
                                        DAMAGE-DESTROYED                                               TOTAL HOURS, 31 IN TYPE,
        NAME OF AIRPORT - GRIDER                                                                       NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          GREENVILLE,MS                   PINE BLUFF,AR          LAST ENROUTE STOP
        TYPE OF ACCIDENT                                           GRADY,AR
          STALL  SPIN                                            PHASE OF OPERATION
                                                                   LANDING  TRAFFIC PATTERN-CIRCLING
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-2479  3/10/79    MARINA DEL REY,CA    NORD-AVION 262        CR-  2  0  1  COMMERCIAL
        TIME - 1752                     N418SA                PX-  1  0  3  COMMUTER AIR CARRIER       AIRLINE TRANSPORT, AGE
                                        DAMAGE-DESTROYED                     AIR TAXI-PASSG S-D        43, 8500 TOTAL HOURS, 879
        NAME OF AIRPORT - LOS ANGELES INTL                                                             IN TYPE, INSTRUMENT
        DEPARTURE POINT                INTENDED DESTINATION                                            RATED.
          LOS ANGELES,CA                 SANTA MARIA,CA
        TYPE OF ACCIDENT
          ENGINE FAILURE OR MALFUNCTION                          PHASE OF OPERATION
          DITCHING                                                 TAKEOFF  INITIAL CLIMB
                                                                   LANDING  LEVEL OFF/TOUCHDOWN
        PROBABLE CAUSE(S)
          POWERPLANT - PROPELLER SYSTEM  OTHER
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
        FACTOR(S)
          PERSONNEL - PRODUCTION-DESIGN-PERSONNEL  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
        REMARKS- LEAK OR BREAK IN R ENG PROP PRESS LINE.AUTOFEATHERED.L ENG SHUT DOWN.RESTART INFO NOT IN MANUAL.


3-2655  6/9/79     LONG BEACH,CA        CESSNA 177            CR-  1  0  0  NONCOMMERCIAL
        TIME - 1337                     N29482                PX-  3  0  0  PLEASURE/PERSONAL TRANSP   PRIVATE, AGE 29, 142
                                        DAMAGE-DESTROYED      OT-  0  0  2                             TOTAL HOURS, 0 IN TYPE.
        NAME OF AIRPORT - DOUGHERTY FIELD                                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          LONG BEACH,CA                  LOCAL
        TYPE OF ACCIDENT
          STALL                                                  PHASE OF OPERATION
                                                                   TAKEOFF  INITIAL CLIMB
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
        FIRE AFTER IMPACT
        REMARKS- CRASHED ON FREEWAY.ACFT 86.5LBS OVER G/W.
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FILE   DATE          LOCATION              AIRCRAFT DATA         INJURIES       FLIGHT                              PILOT DATA
                                                                  F  S M/N      PURPOSE

3-2484 7/21/79    SANTA ANA,CA          CESSNA 172N           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 19, 112
       TIME - 1220                      N738VC                PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 27 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - JOHN WAYNE
       DEPARTURE POINT               INTENDED DESTINATION
         SANTA ANA,CA                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         PROPELLER/JET/ROTOR BLAST                                 TAXI  TO TAKEOFF

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
         MISCELLANEOUS - PROP/JET/ROTOR BLAST
       REMARKS- PLT TAXIED BYD CLNC LMT & ENCTR JET BLAST WHILE CROSSING 210FT BHND HUGHES AIRWEST DC-9.


3-2441 7/22/79  NR.NEWPORT BEACH,CA    CESSNA T210L          CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 42, 410
       TIME - 1555                      N732AR                PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - JOHN WAYNE
       DEPARTURE POINT               INTENDED DESTINATION        LAST ENROUTE STOP
         FULLERTON,CA                  LOCAL                      UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
         COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (OWNER PERSONNEL)
         MISCELLANEOUS ACTS,CONDITIONS - WRONG PART
         POWERPLANT - LUBRICATING SYSTEM  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- ENG.LUB.SYSTEM QUICK-DRAIN.


3-2437 8/10/79    SANTA BARBARA,CA      CESSNA 177            CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 29, 366
       TIME - 1959                      N2881X                PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 240 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         LA VERNE,CA                   GROVER CITY,CA            PHASE OF OPERATION
       TYPE OF ACCIDENT                                            TAKEOFF  INITIAL CLIMB
         STALL  MUSH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - PREMATURE LIFT-OFF
       REMARKS- CRASH DRG TKOF FROM 1120FT AREA.
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FILE    DATE          LOCATION          AIRCRAFT DATA          INJURIES      FLIGHT                       PILOT DATA
                                                               F  S M/N      PURPOSE

3-2432  8/16/79  NR.BURNEY,CA          AERO COMNDR A-9B       CR-  1  0  0  COMMERCIAL                   COMMERCIAL, AGE 25, 500
        TIME - 1130                    N7919V                 PX-  0  0  0  AERIAL APPLICATION           TOTAL HOURS, 275 IN TYPE,
                                        DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
         BURNEY,CA                      LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          STALL                                                  IN FLIGHT  PROCEDURE TURNAROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          WEATHER - HIGH DENSITY ALTITUDE

        SKY CONDITION                                          CEILING AT ACCIDENT SITE
          CLEAR                                                  UNLIMITED
        VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                   NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                TEMPERATURE-F
          NONE                                                   75
        WIND DIRECTION-DEGREES                                 WIND VELOCITY-KNOTS
          180                                                    10
        TYPE OF WEATHER CONDITIONS                             TYPE OF FLIGHT PLAN
          VFR                                                    NONE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -    30                   KIND OF OPERATION - SEEDING CROPS
          KIND OF CROP - PASTURE                                TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED              GLOVES - NOT USED
          GOGGLES - NOT USED                                    CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                      CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT               TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  3170             SWATH RUN-HOW FLOWN - WIND CALM
          PROCEDURE TURNAROUND - SECOND 1/3 TURN
        FIRE AFTER IMPACT
        REMARKS- DENSITY ALT APRX 4900FT.


3-2501  8/24/79     FAIR OAKS,CA       STEARMAN A75N1         CR-  0  1  0  NONCOMMERCIAL                PRIVATE, AGE 67, 6408
        TIME - 1211                    N48784                 PX-  1  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 350 IN TYPE,
                                        DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PHOENIX
        DEPARTURE POINT               INTENDED DESTINATION
          FAIR OAKS,CA                  LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                             IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
          TERRAIN - HIGH OBSTRUCTIONS
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FILE   DATE        LOCATION            AIRCRAFT DATA          INJURIES     FLIGHT                           PILOT DATA
                                                               F  S M/N    PURPOSE

3-2434 8/26/79  NR.REDDING.CA          PIPER PA-28R           CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL, AGE 32, 460
       TIME - 1800                     N9492C                 PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 3 IN TYPE,
                                       DAMAGE-DESTROYED                                                    NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         SANTA ROSA.CA                 SPOKANE.WA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
         GROUND-WATER LOOP-SWERVE                                LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - LUBRICATING SYSTEM  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       FIRE AFTER IMPACT
       REMARKS- LOSS OF ENG OIL FOR UNKN RSN.


3-2442 8/27/79    29 PALMS.CA          PIPER PA-38            CR-  0  0  1  NONCOMMERCIAL                  STUDENT, AGE 30, 41 TOTAL
       TIME - 1242                     N2444K                 PX-  0  0  0  PRACTICE                       HOURS, 11 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                                  INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
         EL CAJON.CA                   RETURN                       BLYTHE.CA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
         GEAR COLLAPSED                                          LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - ENGINE ACCESSORIES  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- NIPPLE,AN911,FAILED IN THREADED AREA.NO SUPPORTING BRACKET/CLAMP W HOBBS METER INSTALLATION.
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BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                             F  S M/N     PURPOSE

3-2639 8/27/79   FAIR OAKS.CA          CESSNA 182           CR-  0  0  1  MISCELLANEOUS                   PRIVATE. AGE 35. UNK/NR
       TIME - 1145                     N7556Y               PX-  0  0  2  UNKNOWN/NOT REPORTED            TOTAL HOURS. UNK/NR IN
                                       DAMAGE-SUBSTANTIAL                                                 TYPE. NOT INSTRUMENT
       NAME OF AIRPORT - PHOENIX                                                                          RATED.
       DEPARTURE POINT               INTENDED DESTINATION         LAST ENROUTE STOP
         FRESNO.CA                     FAIR OAKS.CA                UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         OVERSHOOT                                                  LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  TREES                                       LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
       FACTOR(S)
         MISCELLANEOUS ACTS.CONDITIONS - RAN OFF END OF RUNWAY


3-2664 9/3/79    COLUMBIA.CA           GRUM-AMER AA1-A      CR-  1  0  0  NONCOMMERCIAL
       TIME - 1530                     N9293L               PX-  0  0  0  PLEASURE/PERSONAL TRANSP        PRIVATE. AGE 30. 300
                                       DAMAGE-DESTROYED                                                   TOTAL HOURS. UNK/NR IN
                                                                                                          TYPE. NOT INSTRUMENT
       NAME OF AIRPORT - COLUMBIA                                                                         RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         COLUMBIA.CA                   LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  BUZZING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE.SPEED.ALTITUDE OR CLEARANCE
       FACTOR(S)
         PILOT IN COMMAND - EXERCISED POOR JUDGMENT
         MISCELLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING
       FIRE AFTER IMPACT


3-2444 9/3/79    COURTLAND.CA          DOUGLAS VJ22         CR-  1  0  0  NONCOMMERCIAL
       TIME - 1055                     N96315               PX-  1  0  0  PLEASURE/PERSONAL TRANSP        COMMERCIAL. AGE 35. 714
                                       DAMAGE-DESTROYED                                                   TOTAL HOURS. 22 IN TYPE.
       DEPARTURE POINT               INTENDED DESTINATION                                                 INSTRUMENT RATED.
         NATOMAS.CA                    UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         STALL                                                      LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         MISCELLANEOUS ACTS.CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
       REMARKS- ESTIMATED 42 LBS OVER MAX GROSS WT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2433	9/6/79 TIME - 1555	SAN DIEGO,CA	CESSNA 150 N459AP DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 35, 1540 TOTAL HOURS, 1526 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MONTGOMERY
DEPARTURE POINT: SAN DIEGO,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
DUAL STUDENT - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
REMARKS- TKOF W LFT CABIN DOOR UNLATCHED.COLLIDED W GND WHILE CLOSING DOOR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2436	9/29/79 TIME - 2245	NR.REDWOOD CITY,CA	PIPER PA-28 N3012 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 25, 283 TOTAL HOURS, 4 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: NAPA,CA
INTENDED DESTINATION: SAN JOSE,CA
TYPE OF ACCIDENT: TURBULENCE / AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE / IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
MISCELLANEOUS - VORTEX TURBULENCE
FACTOR(S)
AIRFRAME - WINGS SKIN AND ATTACHMENTS
REMARKS- ACFT CROSSED BELOW FLT PATH OF DC-10 AT(OR DESCENDING TO)4000FT APRX 30SEC AFTER IT PASSED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2430	9/29/79 TIME - 1530	ADELANTO,CA	LAISTER LP-49 N49LP DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 36, 85 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: ADELANTO,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL SPIN
PHASE OF OPERATION: IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS

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FILE   DATE       LOCATION            AIRCRAFT DATA         INJURIES     FLIGHT                              PILOT DATA
                                                             F  S M/N    PURPOSE

3-2638  9/29/79   REDDING,CA          PIPER PA-23          CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 48, 1500
        TIME - 1145                   N5160Y               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 539 IN TYPE,
                                      DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
   NAME OF AIRPORT - ENTERPRISE SKY PK
   DEPARTURE POINT                 INTENDED DESTINATION
     REDDING,CA                      LOCAL
   TYPE OF ACCIDENT
     ENGINE FAILURE OR MALFUNCTION                          PHASE OF OPERATION
     COLLISION WITH GROUND/WATER  CONTROLLED                  LANDING  GO-AROUND
                                                              LANDING  FINAL APPROACH
   PROBABLE CAUSE(S)
     POWERPLANT - ENGINE CONTROLS  THROTTLE-POWER LEVER ASSEMBLIES
     MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
   FACTOR(S)
     TERRAIN - HIGH OBSTRUCTIONS
   COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
   EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
   FIRE AFTER IMPACT
   REMARKS- THROTTLE LINKAGE SEPARATED DRG GO-ARND.PLT STATED-INSUFFICIENT PWR TO CLEAR PWR LINE W ONE ENG.

3-2634  9/29/79   NR.POTTER VALLEY,CA VOLKSPLANE 1         CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 30, 335
        TIME - 1801                   N37789               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 247 IN TYPE,
                                      DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
   NAME OF AIRPORT - GRAVELLY VALLEY
   DEPARTURE POINT                 INTENDED DESTINATION
     WOODLAND,CA                     POTTER VALLEY,CA
   TYPE OF ACCIDENT
     STALL                                                  PHASE OF OPERATION
                                                              LANDING  OTHER
   PROBABLE CAUSE(S)
     PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
     PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
   REMARKS- STALLED DRG RECOVERY FROM WING-OVER MANEUVER AFTR LOW DOWNWIND PASS OVER RWY.

3-2439  10/2/79   FRESNO,CA           PIPER PA-23          CR-  0  0  2  INSTRUCTIONAL                 AIRLINE TRANSPORT, AGE
        TIME - 0945                   N55WD                PX-  0  0  0  DUAL                          26, 2104 TOTAL HOURS, 26
                                      DAMAGE-SUBSTANTIAL                                               IN TYPE, INSTRUMENT
   NAME OF AIRPORT - FRESNO AIR TERM                                                                   RATED.
   DEPARTURE POINT                 INTENDED DESTINATION
     FRESNO,CA                       LOCAL
   TYPE OF ACCIDENT
     WHEELS-UP                                              PHASE OF OPERATION
                                                              LANDING  ROLL
   PROBABLE CAUSE(S)
     SYSTEMS - HYDRAULIC SYSTEM  HYDRAULIC PUMPS
     MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
     MISCELLANEOUS ACTS,CONDITIONS - HYDRAULIC FAILURE
     AIRFRAME - LANDING GEAR  EMERGENCY/EXTENSION ASSEMBLY
     MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
   REMARKS- FAILURE OF EMERG HAND PUMP O-RING CAUSED LOSS OF HYD FLUID.SUBSEQUENTLY,CO2 GEAR EXT CABLE FAILED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2440	10/6/79 TIME - 1630	HOLLISTER,CA	CESSNA 150 N6027J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 38, 30 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOLLISTER MUNICIP
DEPARTURE POINT: HOLLISTER,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  SCATTERED
CEILING AT ACCIDENT SITE
  UNLIMITED
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES
  280
WIND VELOCITY-KNOTS
  10
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  NONE
REMARKS- PLT RPTD-WND GUSTING TO 10KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2429	10/6/79 TIME - 1315	OJAI,CA	CESSNA 152 N7603B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 66, 86 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: LANCASTER,CA
INTENDED DESTINATION: KERNVILLE,CA
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
  PILOT IN COMMAND - BECAME LOST/DISORIENTED
  MISCELLANEOUS ACTS,CONDITIONS - INSTRUMENTS-MISREAD OR FAILED TO READ
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
  LOW ON FUEL
REMARKS- HEADING INDICATOR IMPROPERLY SET.HIT PWR LINE.

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FILE   DATE        LOCATION            AIRCRAFT DATA         INJURIES     FLIGHT                       PILOT DATA
                                                              F  S M/N    PURPOSE
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3-2642 10/6/79  NR.HOLTVILLE.CA       CESSNA 188            CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 23, 1750
       TIME - 1800                    N5627J                PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 1000 IN
                                      DAMAGE-SUBSTANTIAL                                             TYPE, NOT INSTRUMENT
       DEPARTURE POINT              INTENDED DESTINATION                                             RATED.
         CAMACHO.CA                   LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                 IN FLIGHT  SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -  375
         KIND OF CROP - LETTUCE                                   KIND OF OPERATION - SPRAYING CROPS
         PILOT'S SEAT BELT - FASTENED-PROPERLY                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         GOGGLES - NOT USED                                       GLOVES - NOT USED
         COCKPIT CRASHPAD - NOT INSTALLED                         CRASH HELMET - AVAILABLE USED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                  CRASH BAR - INSTALLED
         ELEVATION-AREA BEING TREATED-FEET -  0                   TERRAIN-TYPE - LEVEL.FLAT
                                                                  SWATH RUN-HOW FLOWN - UPWIND

3-2502 10/6/79    ELSINORE.CA          GRUM-AMER AA-5B       CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 58, 200
       TIME - 1115                     N81129                PX-  0  1  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 50 IN TYPE,
                                       DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - SKYLARK FIELD
       DEPARTURE POINT               INTENDED DESTINATION
         SAN DIEGO.CA                  ELSINORE.CA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  DIRT BANK                                  LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FIRE AFTER IMPACT

3-2640 10/14/79   VAN NUYS.CA          CESSNA 150L           CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 29, 33 TOTAL
       TIME - 1730                     N66019                PX-  0  0  0  SOLO                       HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - VAN NUYS
       DEPARTURE POINT               INTENDED DESTINATION
         VAN NUYS.CA                   LOCAL
       TYPE OF ACCIDENT
         COLLIDED WITH  BUILDING(S)                              PHASE OF OPERATION
                                                                   TAKEOFF  INITIAL CLIMB
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         MISCELLANEOUS ACTS.CONDITIONS - TOUCH AND GO LANDING
       REMARKS- COLLIDED WITH HANGAR.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                            PILOT DATA
                                                                F  S M/N       PURPOSE

3-2435  10/14/79   SAN ANDREAS,CA         CESSNA 182          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 58, 380
        TIME - 2115                       N6415F              PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 18 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CALAVERAS CO.
        DEPARTURE POINT               INTENDED DESTINATION
          COLUMBIA,CA                   SACRAMENTO,CA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.


3-2431  10/16/79   HAWTHORN,CA            CESSNA 501          CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 45, 7200
        TIME - 1503                       N13BT               PX-  0  0  5  CORP/EXEC                    TOTAL HOURS, ALL IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HAWTHORNE
        DEPARTURE POINT               INTENDED DESTINATION
          SAN FRANCISCO                 HAWTHORN,CA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          UNDERSHOOT                                               LANDING  FINAL APPROACH
          COLLIDED WITH  FENCE,FENCEPOSTS                          LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE


3-2443  10/17/79   HAWTHORNE,CA           CESSNA 152          CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 26, 12 TOTAL
        TIME - 1000                       N67522              PX-  0  0  0  SOLO                         HOURS, ALL IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - HAWTHORNE
        DEPARTURE POINT               INTENDED DESTINATION
          HAWTHORNE,CA                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  BUILDING(S)                               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        REMARKS- PLT'S INITIAL SOLO FLT.
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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                               PILOT DATA
                                                                  F  S M/N     PURPOSE

3-2637  10/17/79 NR.GREENFIELD.CA        AIR TRACOTR AT-301   CR-  0  0  1  COMMERCIAL                   COMMERCIAL. AGE 31. 3965
        TIME - 1030                        N4438S              PX-  0  0  0  AERIAL APPLICATION           TOTAL HOURS. 220 IN TYPE.
                                           DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
         GREENFIELD.CA                     LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                    IN FLIGHT  STARTING SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 5765
          KIND OF CROP - OTHER                                         KIND OF OPERATION - SPRAYING CROPS
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          GOGGLES - NOT USED                                           GLOVES - NOT USED
          COCKPIT CRASHPAD - NOT INSTALLED                             CRASH HELMET - AVAILABLE USED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                      CRASH BAR - INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  100                     TERRAIN-TYPE - LEVEL.FLAT
        REMARKS- LEFT WING COLLIDE W 12FT STAND PIPE WHILE SPRAYING BROCCOLI.   SWATH RUN-HOW FLOWN - WIND CALM


3-2635  10/17/79   MENDOTA.CA            HILLER UH-12E        CR-  0  1  0  COMMERCIAL                   COMMERCIAL. AGE 37. 7575
        TIME - 1700                        N4414               PX-  0  0  0  ASSOC CROP CTL ACTIVITY      TOTAL HOURS. 700 IN TYPE.
                                           DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
         MENDOTA.CA                        LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                   TAKEOFF  INITIAL CLIMB
          COLLISION WITH GROUND/WATER  UNCONTROLLED                     TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          ROTORCRAFT - FLIGHT CONTROL SYSTEMS  TAIL ROTOR PITCH CONTROL SYSTEM
          MISCELLANEOUS ACTS.CONDITIONS - FRAYED
          MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                  DIRECTIONAL CONTROL PROBLEM

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 2500
          KIND OF CROP - COTTON                                        KIND OF OPERATION - DEFOLIATION (LIQUID)
          PILOT'S SEAT BELT - FASTENED-PROPERLY                        TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          GOGGLES - NOT USED                                           GLOVES - NOT USED
          COCKPIT CRASHPAD - NOT INSTALLED                             CRASH HELMET - AVAILABLE-NOT USED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                      CRASH BAR - NOT INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  160                     TERRAIN-TYPE - LEVEL.FLAT
        REMARKS- T/R PITCH CTL CABLE FAILED.                           SWATH RUN-HOW FLOWN - CROSSWIND
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FILE    DATE            LOCATION            AIRCRAFT DATA       INJURIES        FLIGHT                              PILOT DATA
                                                                  F  S M/N      PURPOSE

3-2500  10/21/79  FAIR OAKS,CA            CESSNA 172          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 42, 98 TOTAL
        TIME - 1900                       N6061A              PX-  0  0  1  PLEASURE/PERSONAL TRANSP     HOURS, 17 IN TYPE, NOT
                                          DAMAGE-DESTROYED                                               INSTRUMENT RATED.
        NAME OF AIRPORT - PHOENIX FIELD
        DEPARTURE POINT              INTENDED DESTINATION
          FAIR OAKS,CA                 LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          UNDERSHOOT                                                 LANDING  FINAL APPROACH
          COLLIDED WITH  OBJECT                                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        REMARKS- COLLIDED W BUSHES NR END OF RWY.


3-2641  10/27/79  CORONA,CA               BELLANCA 7KCAB      CR-  1  1  0  INSTRUCTIONAL                COMMERCIAL, FL.INSTR.,
        TIME - 1455                       N88406              PX-  0  0  0  DUAL                         AGE 54, 1669 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                             UNK/NR IN TYPE, INSTRU-
                                                                                                         MENT RATED.
        NAME OF AIRPORT - CORONA
        DEPARTURE POINT              INTENDED DESTINATION
          CORONA,CA                    LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              TAKEOFF  INITIAL CLIMB
          STALL                                                      LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        REMARKS- MAIN FUEL VALVE IN OFF PSN.
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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2636	10/29/79 TIME - 1130	HUNTINGTON BCH,CA	PIPER PA-28 N15969 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 121 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEADOWLARK
DEPARTURE POINT — HUNTINGTON BCH,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION — LANDING: GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 69
WIND VELOCITY-KNOTS — 15
TYPE OF FLIGHT PLAN — NONE
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES — 280
TYPE OF WEATHER CONDITIONS — VFR

REMARKS- COLLIDED W PIPER PA-28,N6170W & PIPER J5,N35776,WHICH WERE PARKED ON RAMP.WND GUSTING 26KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2632	11/3/79 TIME - 1130	NR.TRONA,CA	CESSNA 172 N2413F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 93 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - INDIAN RANCH
DEPARTURE POINT — BLYTHE,CA
INTENDED DESTINATION — TRONA,CA
TYPE OF ACCIDENT — HARD LANDING
PHASE OF OPERATION — LANDING: LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — CLEAR
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 65
TYPE OF FLIGHT PLAN — NONE
CEILING AT ACCIDENT SITE — UNLIMITED
PRECIPITATION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS — VFR

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FILE    DATE           LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                           PILOT DATA
                                                               F  S M/N    PURPOSE

3-2633  11/14/79   FAIR OAKS,CA          PIPER PA-30         CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 64, 5536
        TIME - 1240                      N7915Y              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 891 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - PHOENIX
        DEPARTURE POINT                INTENDED DESTINATION
          LINCOLN,CA                     FAIR OAKS,CA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  ANIMALS                                    LANDING  ROLL
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- HIT DOG ON RWY.


3-2682  1/1/79      ASPEN,CO             PIPER PA-28R        CR-  0  0  1  MISCELLANEOUS                 AIRLINE TRANSPORT, AGE
        TIME - 1545                      N38704              PX-  0  0  2  FERRY                         32, 4740 TOTAL HOURS, 50
                                         DAMAGE-SUBSTANTIAL                                              IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - SARDY FIELD
        DEPARTURE POINT                INTENDED DESTINATION
          ASPEN,CO                       FT,WORTH,TX
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  CLIMB TO CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER GRADE OIL-LUBRICATING SYSTEM
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- SAE 50 OIL INSTEAD OF SPECIFIED SAE 30 FOR COLD WEATHER OPERATION.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2615	7/21/79 TIME - 0840	NR.FAIRPLAY.CO	CESSNA 177RG N8019G DAMAGE-DESTROYED	CR- 2 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 229 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
FT COLLINS.CO
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
50
TYPE OF FLIGHT PLAN
NONE
REMARKS- COLLIDED WITH MOUNTAIN SIDE.D/A APPROX 14000FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2616	8/17/79 TIME - 1105	NR.RICO.CO	BELL 47G3B1 N73963 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
RICO.CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE TAIL ROTOR
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR DRIVE SHAFT ASSEMBLY
ROTORCRAFT - ROTOR ASSEMBLIES BEARINGS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- INBOARD ROLLER BEARING FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2652	1/8/79 TIME - 1005	JACKSONVILLE,FL	CESSNA 411 N7338U DAMAGE-DESTROYED	CR- 2 0 0 PX- 1 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 29, 450 TOTAL HOURS, 4 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CRAIG MUNICIPAL
DEPARTURE POINT: JACKSONVILLE,FL
INTENDED DESTINATION: PANAMA CITY,FL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION: IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION: BROKEN
CEILING AT ACCIDENT SITE: 600
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
TEMPERATURE-F: 62
WIND DIRECTION-DEGREES: 240
WIND VELOCITY-KNOTS: 8
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2573	4/2/79 TIME - 1408	DAVIE,FL	PIPER PA-34 N1495T DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 1 0 0	INSTRUCTIONAL CHECK	AIRLINE TRANSPORT, AGE 29, 1267 TOTAL HOURS, 17 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: OPA LOCKA,FL
INTENDED DESTINATION: FT.LAUDERDALE,FL
TYPE OF ACCIDENT: COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION: IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
CHECK PILOT - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - TOWER
RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT
TRAFFIC ADVISORY ISSUED - NONE
CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT
CONTROL ZONE/AREA - YES
EVASIVE ACTION TAKEN - NO

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2573	4/2/79 TIME - 1408	DAVIE.FL	BEECH D95A N37400 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 0 2	NONCOMMERCIAL BUSINESS	COMMERCIAL. AGE 39. 1311 TOTAL HOURS. 137 IN TYPE. INSTRUMENT RATED.

DEPARTURE POINT — OPA LOCKA.FL
INTENDED DESTINATION — POMPANO BEACH.FL
TYPE OF ACCIDENT — COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION — IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - NO CONTROL
CONTROL ZONE/AREA - YES
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
EVASIVE ACTION TAKEN - NO
REMARKS- TRANSPONDER REPLY NOT RCVD FM N37400 AT FT LAUDERDALE APP CTL OR MIAMI ARTCC.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2578	4/26/79 TIME - 1424	PENSACOLA.FL	CESSNA 177RG N45133 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL CHECK	COMMERCIAL. AGE 33. 384 TOTAL HOURS. 38 IN TYPE. INSTRUMENT RATED.

NAME OF AIRPORT - PENSACOLA REGION
DEPARTURE POINT — PENSACOLA.FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — WHEELS-UP
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2574	5/26/79 TIME - 1445	DANIA.FL	LOCKHEED PV-1 N1514S DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	PRIVATE. AGE 53. 3344 TOTAL HOURS. UNK/NR IN TYPE. NOT INSTRUMENT RATED.

NAME OF AIRPORT - FT.LAUDERDALE
DEPARTURE POINT — DANIA.FL
INTENDED DESTINATION — BIMINI.BAHAMAS
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION; COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB; LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE.SERVICING.INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
POWERPLANT - FUEL SYSTEM CARBURETOR
MISCELLANEOUS ACTS.CONDITIONS - LEAK/LEAKAGE
MISCELLANEOUS ACTS.CONDITIONS - CORRODED/CORROSION
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- SWAMP.PIC HAD 15 HOURS DUAL.HOLE IN DIAPHRAM.ADI FLUID FOUND IN CARB

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2576	5/27/79 TIME - 1620	BOCA RATON,FL	BEECH 65 N720R DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 162 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT. RATED.

NAME OF AIRPORT - BOCA RATON
DEPARTURE POINT — WEST PALM BEACH,FL
INTENDED DESTINATION — HOLLYWOOD,FL
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
FIRE AFTER IMPACT
REMARKS- WITNESSES STATED ACFT APPEARED OVERTAKING S/E ACFT ON FINAL.NO COMM ESTABLISHED.GR DOWN GO-AROUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2572	6/6/79 TIME - 1245	LEESBURG,FL	BEECH 95 N2032C DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 2000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LEESBURG
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  STALL SPIN
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (OWNER PERSONNEL)
  POWERPLANT - ENGINE STRUCTURE CRANKCASE
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPER CLEARANCE-TOLERANCE
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- MAIN BEARINGS ON CRANKSHAFT SHOWED INDICATIONS OF SCORING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2583	6/24/79 TIME - 1515	OPA LOCKA,FL	BEECH B95A N1414G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 29, 1790 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OPA LOCKA WEST
DEPARTURE POINT — OPA LOCKA,FL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  GEAR COLLAPSED
PHASE OF OPERATION
  TAKEOFF RUN
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  DUAL STUDENT - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
  PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2569	7/13/79 TIME - 1515	NR.BELLE GLADE,FL	DOUGLAS DC-3 N21782 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 37, 2500 TOTAL HOURS, 525 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ST LOUIS,MO
INTENDED DESTINATION
BOCA RATON,FL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
TERRAIN - HIGH VEGETATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2571	7/22/79 TIME - 1845	NR.FT.PIERCE,FL	PIPER J-3C65 N26147 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 28, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NELSONS STRIP
DEPARTURE POINT
FT.PIERCE,FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - INCAPACITATION
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FIRE AFTER IMPACT
REMARKS- BLOOD ALCOHOL LEVEL 0.334%

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2402	7/27/79 TIME - 1100	CLEARWATER,FL	CESSNA 177 N19405 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 384 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLEARWATER
DEPARTURE POINT: CRYSTAL RIVER,FL
INTENDED DESTINATION: CLEARWATER,FL
TYPE OF ACCIDENT: HARD LANDING
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES: 210
WIND VELOCITY-KNOTS: 5
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- WND GUSTING 20KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2580	7/28/79 TIME - UNK/NR	NR.HOMESTEAD,FL	CESSNA 180 N2499C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

DEPARTURE POINT: UNKNOWN/NOT REPORTED
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; COLLIDED WITH DITCHES
PHASE OF OPERATION: LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
REMARKS- INJURY INDEX PRESUMED.ACFT FOUND ABANDONED.

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FILE   DATE        LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                             F  S M/N     PURPOSE

3-2575 8/2/79      ORLANDO,FL          GRUM AMER AA-5A      CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 40, 766
       TIME - 2315                     N9789U               PX-  3  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 696 IN TYPE,
                                       DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
       NAME OF AIRPORT - HERNDON
       DEPARTURE POINT              INTENDED DESTINATION
         ORLANDO,FL                   VALDOSTA,GA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL  SPIN                                               IN FLIGHT  CLIMB TO CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
       REMARKS- ACFT 60LBS OVER G/W.


3-2570 8/4/79      W PALM BEACH,FL     PIPER PA-30          CR-  0  0  2  INSTRUCTIONAL                  COMMERCIAL, AGE 36, 562
       TIME - 1100                     N7708Y               PX-  0  0  0  CHECK                          TOTAL HOURS, 30 IN TYPE,
                                       DAMAGE-MINOR         OT-  2  0  0                                 INSTRUMENT RATED.
       NAME OF AIRPORT - W PALM BEACH INTL
       DEPARTURE POINT              INTENDED DESTINATION
         W PALM BEACH,FL              LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                   LANDING  TRAFFIC PATTERN-CIRCLING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT

       SPECIAL DATA
         SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
         CONTROLLING AGENCY - LOCAL CONTROL                      TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL
         CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT    CONTROL ZONE/AREA - YES
         EVASIVE ACTION TAKEN - NO                               ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN


3-2570 8/4/79      W PALM BEACH,FL     CESSNA 150           CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 51, 426
       TIME - 1100                     N5111G               PX-  1  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 275 IN TYPE,
                                       DAMAGE-DESTROYED     OT-  0  0  2                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - W PALM BEACH INTL
       DEPARTURE POINT              INTENDED DESTINATION
         W PALM BEACH,FL              LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                   LANDING  TRAFFIC PATTERN-CIRCLING

       PROBABLE CAUSE(S)
         PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT

       SPECIAL DATA
         SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
         CONTROLLING AGENCY - LOCAL CONTROL                      TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL
         CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT    CONTROL ZONE/AREA - YES
         EVASIVE ACTION TAKEN - NO                               ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN
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FILE   DATE        LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                              PILOT DATA
                                                               F  S M/N     PURPOSE

3-2579 8/12/79  NR.KEYSTONE.FL         PIPER PA-32          CR-  1  0  0  NONCOMMERCIAL                     STUDENT, AGE 39, 99 TOTAL
       TIME - 2055                     N2052W               PX-  2  1  0  PLEASURE/PERSONAL TRANSP          HOURS, 25 IN TYPE, NOT
                                       DAMAGE-DESTROYED                                                     INSTRUMENT RATED.
       NAME OF AIRPORT - KEYSTONE HEIGHTS
       DEPARTURE POINT              INTENDED DESTINATION
         OPALOCKA.FL                  KEYSTONE.FL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         UNDERSHOOT                                                LANDING  FINAL APPROACH
         COLLIDED WITH  TREES                                      LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
       FACTOR(S)
         PILOT IN COMMAND - EXERCISED POOR JUDGMENT
       FIRE AFTER IMPACT
       REMARKS- DARK NIGHT.LNDG LIGHTS OBSERVED NOT ILLUMINATED ON FINAL.


3-2581 9/7/79      ROTONDA.FL          BELL 206B            CR-  0  0  1  NONCOMMERCIAL                     AIRLINE TRANSPORT, AGE
       TIME - 1103                     N500GH               PX-  0  0  3  CORP/EXEC                         54, 9003 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                                   1952 IN TYPE, INSTRUMENT
                                                                                                            RATED.
       NAME OF AIRPORT - ROTONDA
       DEPARTURE POINT              INTENDED DESTINATION
         ROTONDA.FL                   LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                TAKEOFF  VERTICAL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS


3-2582 9/8/79      LUTZ.FL             CESSNA 152           CR-  0  0  1  NONCOMMERCIAL                     STUDENT, AGE 35, 31 TOTAL
       TIME - 1215                     N47009               PX-  0  0  0  PRACTICE                          HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                                   INSTRUMENT RATED.
       NAME OF AIRPORT - TAMPA DOWNS
       DEPARTURE POINT              INTENDED DESTINATION
         TAMPA.FL                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
         GROUND-WATER LOOP-SWERVE                                  LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         MISCELLANEOUS ACTS.CONDITIONS - TOUCH AND GO LANDING
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FILE    DATE          LOCATION           AIRCRAFT DATA          INJURIES     FLIGHT                           PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2401  9/8/79     VERO BEACH,FL         PIPER PA-38         CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, FL.INSTR.,
        TIME - 1415                      N9225T              PX-  0  0  1  PLEASURE/PERSONAL TRANSP    AGE 28, 554 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                             1 IN TYPE, UNK/NR INSTRU-
        NAME OF AIRPORT - INDIAN RIVER                                                                  MENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          VERO BEACH,FL                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-2577  10/7/79  NR.OSTEEN,FL            CESSNA 210          CR-  1  0  0  MISCELLANEOUS                PRIVATE, AGE 27, 80 TOTAL
        TIME - 1950                      N1738X              PX-  1  0  0  OTHER                        HOURS, UNK/NR IN TYPE,
                                         DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         UNKNOWN/NOT REPORTED         UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        FIRE AFTER IMPACT
        REMARKS- OVER 340LBS MARIJUANA FOUND IN ACFT.


3-2438  10/23/79 NR.DAVENPORT,FL         SIKORSKY S-55       CR-  1  0  0  MISCELLANEOUS                COMMERCIAL, AGE 39, 4000
        TIME - 0800                      N95761              PX-  0  0  0  DEMONSTRATION                TOTAL HOURS, 200 IN TYPE,
                                         DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          LOUGHMAN,FL                  DAVENPORT,FL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                               LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
        REMARKS- MAIN TRANSMISSION SUPPORT ASSY SEPARATED DRG FLT.
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FILE   DATE        LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                            PILOT DATA
                                                             F  S M/N     PURPOSE

3-2534 5/6/79  NR.SAVANNAH.GA          PIPER PA-16        CR-  1  0  0  NONCOMMERCIAL                  COMMERCIAL. AGE 55. 5100
       TIME - 1045                     N5203H             PX-  0  1  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS. 500 IN TYPE.
                                        DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        SAVANNAH.GA                     LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  BUZZING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE
       FACTOR(S)
         PILOT IN COMMAND - EXERCISED POOR JUDGMENT
         MISCELLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING


3-2466 5/11/79  NR.BALL GROUND.GA      PIPER PA-30B       CR-  0  1  0  NONCOMMERCIAL                  AIRLINE TRANSPORT. AGE
       TIME - 2250                     N8152Y             PX-  0  0  4  PLEASURE/PERSONAL TRANSP       48. 1937 TOTAL HOURS. 421
                                        DAMAGE-DESTROYED                                               IN TYPE. INSTRUMENT
                                                                                                       RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        AURORA.IL                       ATLANT.GA
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  TREES                                     LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS.CONDITIONS - FUEL EXHAUSTION
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PIC ATTEMPTED SINGLE ENGINE GO AROUND.MUSHED INTO TREES.


3-2464 5/30/79    JEFFERSON.GA         PIPER PA-30        CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL. AGE 58. 10000
       TIME - 1830                     N7555Y             PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS. 155 IN TYPE.
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - JACKSON COUNTY
       DEPARTURE POINT               INTENDED DESTINATION
        JEFFERSON.GA                    LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         GEAR RETRACTED                                           TAKEOFF  RUN

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2461	8/7/79 TIME - 1930	MONTEZUMA,GA	HUGHES 269C N7422F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 3556 TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MONTEZUMA,GA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM OTHER
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2400
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 389
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- LINEAR ACTUATOR CABLE SEPARATED AT BELT SPRING ASSEMBLY DISENGAGING ENGINE FROM TRANSMISSION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2533	8/12/79 TIME - 1600	NR.CANTON,GA	PIPER PA-28 N6322R DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 5200 TOTAL HOURS, 311 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - TK MOORE FARM
DEPARTURE POINT
CANTON,GA
INTENDED DESTINATION
ATLANTA,GA
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

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FILE   DATE         LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                           PILOT DATA
                                                               F  S M/N     PURPOSE

3-2532 8/19/79  NR.NASHVILLE,GA        CESSNA 152           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 30, 204
       TIME - 1030                     N89803               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 19 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        NASHVILLE,GA                  LOCAL
       TYPE OF ACCIDENT                                                PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                           TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         TERRAIN - OTHER
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
       REMARKS- STRUCK SIGN POST WHILE MAKING TOUCH AND GO LDG ON HIGHWAY.


3-2462 8/29/79  NR.NORMAN PARK,GA      PIPER PA-25          CR-  0  0  1  COMMERCIAL                   COMMERCIAL, AGE 51, 10000
       TIME - 1030                     N8581L               PX-  0  0  0  AERIAL APPLICATION           TOTAL HOURS, 2000 IN
                                       DAMAGE-SUBSTANTIAL                                              TYPE, NOT INSTRUMENT
                                                                                                       RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        NORMAN PARK,GA                LOCAL
       TYPE OF ACCIDENT                                                PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                   IN FLIGHT  SWATH RUN
         NOSE OVER/DOWN                                                  LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - BEANS                                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
         GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                  TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  300                 SWATH RUN-HOW FLOWN - CROSSWIND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2465	9/1/79 TIME - 1900	NR.HAHIRA,GA	BELL 47D1 N9088 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 1550 TOTAL HOURS, 550 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
HAHIRA
INTENDED DESTINATION
RETURN
TYPE OF ACCIDENT
ROLL OVER
PHASE OF OPERATION
IN FLIGHT FLAREOUT FOR SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 355
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 200
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2463	9/16/79 TIME - 2130	MARIETTA,GA	CESSNA 172 N6961H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 48, 3682 TOTAL HOURS, 11 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DOBBINS AFB
DEPARTURE POINT
EGLIN AFB
INTENDED DESTINATION
MARIETTA,GA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

SKY CONDITION
BROKEN
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
106
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
8000
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
69
WIND VELOCITY-KNOTS
18
TYPE OF FLIGHT PLAN
IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2688	9/20/79 TIME - 1800	BROOKLET,GA	CESSNA 182Q N759EG DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 47, 1195 TOTAL HOURS, 280 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DAVIS AIRPARK
DEPARTURE POINT — INTENDED DESTINATION
SAVANNAH,GA — BROOKLET,GA
TYPE OF ACCIDENT — PHASE OF OPERATION
OVERSHOOT — LANDING LEVEL OFF/TOUCHDOWN
COLLIDED WITH PARKED AIRCRAFT — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
REMARKS- COLLIDED WITH CESSNA 172,N3050U,MINOR DMG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2460	10/7/79 TIME - 1345	JONESBORO,GA	CESSNA 150 N11791 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 319 TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SOUTH EXPRESSWAY
DEPARTURE POINT — INTENDED DESTINATION
JONESBORO,GA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT NORMAL CRUISE
NOSE OVER/DOWN — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FLIPPED OVER ON LOG IN HAY FIELD

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2617	8/15/79 TIME - 1540	SANDPOINT,ID	BEECH 95-B55 N6220V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 5000 TOTAL HOURS, 1250 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SANDPOINT
DEPARTURE POINT — INTENDED DESTINATION
SPOKANE,WA — SANDPOINT,ID
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH WIRES/POLES — IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- PWR LINE 80FT ABOVE RIVER. CONT FLT.LND OK.

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES     FLIGHT
                                                                 F  S M/N    PURPOSE                        PILOT DATA

3-2678  9/30/79     ATHOL,ID              BELLANCA 7KCAB       CR-  1  0  0  NONCOMMERCIAL
        TIME - 1514                       N8884                PX-  1  0  0  PLEASURE/PERSONAL TRANSP  COMMERCIAL, AGE 27, 1800
                                          DAMAGE-DESTROYED                                             TOTAL HOURS, UNK/NR IN
        NAME OF AIRPORT - HENLEY AERODROME                                                             TYPE, INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          ATHOL,ID                      LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  ACROBATICS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        FIRE AFTER IMPACT


3-2676  10/8/79  NR.SWAN VALLEY,ID      AEROSPATIAL SA315B   CR-  1  0  0  COMMERCIAL                COMMERCIAL, AGE 32, 3534
        TIME - 1138                       N219RM               PX-  1  0  0  CONSTRUCTION              TOTAL HOURS, 597 IN TYPE,
                                          DAMAGE-DESTROYED                                             INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          SWAN VALLEY,ID                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                     IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        FACTOR(S)
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
          TERRAIN - HIGH OBSTRUCTIONS
        FIRE AFTER IMPACT
        REMARKS- SNAGGED SLING IN TREES.OBLITERATIVE ARTERIOSCLEROSIS.LEFT CORONARY ARTERY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2677	10/15/79 TIME - 0645	NR.MACKS INN.ID	CESSNA 182L N42641 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 34, 217 TOTAL HOURS, 88 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BOZEMAN,MT
INTENDED DESTINATION
BOISE,ID
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - FOG
TERRAIN - OTHER
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1/2 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF FLIGHT PLAN
VFR
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
RAIN
TYPE OF WEATHER CONDITIONS
IFR
REMARKS- SPARSLEY LIGHTED REMOTE SITE. RECOVERY DATE 10/16/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2618	10/17/79 TIME - 1550	REXBURG,ID	AMER AVCO AA1-C N9526U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 27, 38 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - REXBURG
DEPARTURE POINT
REXBURG,ID
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - OTHER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- HIT ROCK PILE.

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES        FLIGHT                              PILOT DATA
                                                             F  S M/N       PURPOSE

3-2628 7/3/79      CHENOA,IL          CESSNA 172M          CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 66, 279
       TIME - 1140                    N64169               PX-  1  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 30 IN TYPE,
                                      DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION        LAST ENROUTE STOP
         GLENVIEW,IL                 NEVADA,MO                   QUINCY,IL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED               IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
       FACTOR(S)
         PILOT IN COMMAND - INCAPACITATION
         MISCELLANEOUS ACTS,CONDITIONS - PILOT SUFFERED HEART ATTACK
         WEATHER - LOW CEILING
         WEATHER - THUNDERSTORM ACTIVITY
       WEATHER BRIEFING - OTHER
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                           CEILING AT ACCIDENT SITE
         OVERCAST                                                400
       VISIBILITY AT ACCIDENT SITE                             PRECIPITATION AT ACCIDENT SITE
         4 MILES OR LESS                                         NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                 TYPE OF WEATHER CONDITIONS
         NONE                                                    IFR
       TYPE OF FLIGHT PLAN
         VFR
       REMARKS- EVIDENCE OF A CORONARY ATTACK,BRIEFED BY USN PERSONNEL.


3-2498 9/18/79     CHICAGO,IL         CESSNA 402C          CR-  0  0  2  COMMERCIAL                  ATP,FLIGHT INSTR., AGE
       TIME - 1815                    N2713R               PX-  0  0  8  COMMUTER AIR CARRIER        32, 2825 TOTAL HOURS, 216
                                      DAMAGE-SUBSTANTIAL   OT-  0  1  0  AIR TAXI-PASSG S-D          IN TYPE, INSTRUMENT
                                                                                                      RATED.
       NAME OF AIRPORT - O'HARE
       DEPARTURE POINT             INTENDED DESTINATION
         CHICAGO,IL                  PEORIA,IL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  AUTOMOBILE                               TAXI  TO TAKEOFF

       PROBABLE CAUSE(S)
         PERSONNEL - MISCELLANEOUS-PERSONNEL  DRIVER OF VEHICLE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                             PILOT DATA
                                                               F  S M/N      PURPOSE

3-2584  9/23/79    CHAMPAIGN,IL          BOEING A-75          CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 19, 357
        TIME - UNK/NR                    N49999               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 11 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - WILLARD U OF IL
        DEPARTURE POINT              INTENDED DESTINATION
          CHAMPAIGN,IL                 LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                   LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        REMARKS- UNIVERSITY OWNED AIRCRAFT.PLT STATED-ENTERED GND LOOP AS FEET WERE REPOSITIONED ON RUDDER PEDALS.


3-2585  9/29/79    PLAINFIELD,IL         VOLKSPLANE VP-1      CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 29, 184
        TIME - 1042                      N655                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 30 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          PLAINFIELD,IL                UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
          STALL                                                      IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        REMARKS- VOLKSWAGON 1352CC ENGINE.


3-2499  9/30/79    ALMA,IL               BELLANCA 8KCAB       CR-  1  0  0  NONCOMMERCIAL                ATP,FLIGHT INSTR., AGE
        TIME - 1520                      N499AC               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   27, 4956 TOTAL HOURS, 130
                                         DAMAGE-SUBSTANTIAL                                              IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - PITTSPORT
        DEPARTURE POINT              INTENDED DESTINATION
          ALMA,IL                      LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  ACROBATICS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        REMARKS- DURING TKOF FROM BLA.ACFT OBSERVED TO PULL UP,ENTER HAMMERHEAD TYPE MANEUVER & HIT GND DRG RCVRY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2497	10/5/79 TIME - 0532	ELGIN,IL	PIPER PA-32R N61424 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 41, 338 TOTAL HOURS, 53 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ELGIN
DEPARTURE POINT: ELGIN,IL
INTENDED DESTINATION: OLEAN,NY
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT-FAILED TO MAINTAIN POSITIVE RATE OF CLIMB
FACTOR(S)
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE

SKY CONDITION: UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE: UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE: 1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
TEMPERATURE-F: 40
WIND DIRECTION-DEGREES: 320
WIND VELOCITY-KNOTS: 8
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2587	10/7/79 TIME - 1605	MOWEAQUA,IL	SCHWEITZER SGU222 N9917J DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 117 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HILVETY
DEPARTURE POINT: MOWEAQUA,IL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL SPIN
PHASE OF OPERATION: LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
REMARKS- PLT STATED-WORKED THERMAL UNTIL TOO FAR FROM ARPT TO RETURN,STALLED DRG TURN TO OPEN WHEAT FLD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2588	10/10/79 TIME - 0930	SIDNEY,IL	BEECH B19 N5104R DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 25, 1733 TOTAL HOURS, 86 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - JUSTUS
DEPARTURE POINT — CHAMPAIGN,IL
INTENDED DESTINATION — SIDNEY,IL
TYPE OF ACCIDENT — COLLIDED WITH DITCHES
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- UNIVERSITY OWNED AIRCRAFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2586	10/19/79 TIME - 1600	GRAFTON,IL	ERCO 415-C N2676H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 620 TOTAL HOURS, 51 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SURGEON PLA
DEPARTURE POINT — GRAFTON,IL
INTENDED DESTINATION — JERSEYVILLE,IL
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2403	7/14/79 TIME - 1830	HOBART,IN	PIPER PA-23 N4402P DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL CHECK	COMMERCIAL, AGE 23, 709 TOTAL HOURS, 9 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HOBART SKY RANCH
DEPARTURE POINT HOBART,IN — INTENDED DESTINATION LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; WHEELS-UP
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
CHECK PILOT - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION: UNKNOWN/NOT REPORTED — CEILING AT ACCIDENT SITE: 2800
VISIBILITY AT ACCIDENT SITE: 4 MILES OR LESS — PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG — TEMPERATURE-F: 74
TYPE OF WEATHER CONDITIONS: VFR — TYPE OF FLIGHT PLAN: NONE
REMARKS- CK PLT CUT MIXTURE.L ENG WOULD NOT RESTART.R ENG LOST PWR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2405	9/8/79 TIME - 1405	ROSELAWN,IN	GRUMMAN AA1C N9585U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 101 TOTAL HOURS, 23 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NAKED CITY
DEPARTURE POINT RENSSELAER,IN — INTENDED DESTINATION MATTOON,IL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; OVERSHOOT
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- PLT STATED ENG BEGAN TO RUN ROUGH DURING FLT SO HE ELECTED TO LAND.

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FILE    DATE           LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                                     PILOT DATA
                                                                    F  S M/N     PURPOSE

3-2404  9/9/79      EAST CHICAGO,IN         CESSNA 152          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 28, 1196
        TIME - 1830                         N24489              PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 61 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION         LAST ENROUTE STOP
          CHICAGO,IL                      GARY,IN                      FRANFORT,IL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                IN FLIGHT  NORMAL CRUISE
          DITCHING                                                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - LUBRICATING SYSTEM  LINES,HOSES,FITTING
          MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
          MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
        REMARKS- LOOSE CONNECTION ON OIL INLET LINE AT OIL COOLER.


3-2483  9/29/79     SOUTH BEND,IN           CESSNA 182P         CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 59, 578
        TIME - 1146                         N21121              PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE.
                                            DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MICHIANA REGIONAL
        DEPARTURE POINT                 INTENDED DESTINATION
          MONROE,MI                       SOUTH BEND,IN
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          OVERSHOOT                                                    LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  OBJECT                                        LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        REMARKS- PLT USE TO ALT ASGNMNT AT GRP 2,TCA ARPT,UNAWARE PLT RSPNSBLTY W STAGE 3 RADAR DELAYED DESCENT.


3-2668  9/4/79      SOMERSET,KY             BEECH V35           CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 32, 175
        TIME - 1415                         N614L               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 99 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SOMERSET-PULASKI
        DEPARTURE POINT                 INTENDED DESTINATION
          SOMERSET,KY                     CAMPBELLSVILLE,KY
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLIDED WITH  DIRT BANK                                     TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE INSPECTION OF AIRCRAFT (OWNER-PILOT)
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          SYSTEMS - HYDRAULIC SYSTEM  RESERVOIR,LINES,FITTINGS
          MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
        REMARKS- PIC FAILED TO DETECT POOL OF HYD FLUID THAT HAD LEAKED FROM LEFT BRAKE.BRAKE LININGS WORN OUT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2648	9/22/79 TIME - 1130	PADUCAH,KY	CESSNA 172 N739C7 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 304 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BARKLEY FIELD
DEPARTURE POINT — INTENDED DESTINATION
PADUCAH,KY — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
HARD LANDING — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
REMARKS- PIC IN RT SEAT STATED SOLE OPERATOR OF ACFT.PAX IN L SEAT OWNER OF ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2510	8/19/79 TIME - 1915	LAFAYETTE,LA	BELL 47G-4A N1400W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 33, 2508 TOTAL HOURS, 235 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - INDUSTRIAL AIRPAR
DEPARTURE POINT — INTENDED DESTINATION
LAFAYETTE,LA — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
HARD LANDING — LANDING POWER-ON LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
REMARKS- FLOAT EQUIPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2684	9/12/79 TIME - 1730	CADE,LA	BOEING A75N1 N53165 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 23, 1110 TOTAL HOURS, 165 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
NEW IBERTA,LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED

PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 531
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GOGGLES - USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 20
PROCEDURE TURNAROUND - SECOND 1/3 TURN
REMARKS- CYL CRACKED BETWEEN SPARK PLUG HOLES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2511	9/18/79 TIME - 1240	PATTERSON,LA	BELL 206B N155AL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 51, 4819 TOTAL HOURS, 678 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OFFSHORE HELIPORT
DEPARTURE POINT
PATTERSON,LA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS

PHASE OF OPERATION
TAXI AERIAL TAXI, OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
REMARKS- TAIL ROTOR STRUCK GUARD RAIL DRG HOVER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2645	9/20/79 TIME - 1103	LULING,LA	PIPER PA-31 N27614 DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 300 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  LULING,LA
INTENDED DESTINATION
  FORT WORTH,TX
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
  PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  WEATHER - RAIN
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  1000
VISIBILITY AT ACCIDENT SITE
  1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  RAIN SHOWERS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  HAZE
TEMPERATURE-F
  82
WIND DIRECTION-DEGREES
  180
WIND VELOCITY-KNOTS
  15
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2514	9/21/79 TIME - 1305	MINDEN,LA	GRUM-AMER AA1-C N9784U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 102 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MINDEN WEBSTER
DEPARTURE POINT: SHREVEPORT,LA
INTENDED DESTINATION: MINDEN,LA
TYPE OF ACCIDENT
  HARD LANDING
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT

SKY CONDITION
  SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  75
WIND VELOCITY-KNOTS
  15
TYPE OF FLIGHT PLAN
  NONE

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES
  335
TYPE OF WEATHER CONDITIONS
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2516	9/24/79 TIME - 0710	VACHERIE,LA	CESSNA 188B N9448G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 61, 16500 TOTAL HOURS, 1900 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CAJUN FLYING SERV
DEPARTURE POINT: VACHERIE,LA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 3000
  KIND OF CROP - BEANS
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - NOT USED
  COCKPIT CRASHPAD - INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  ELEVATION-AREA BEING TREATED-FEET - 4
REMARKS- PLT STATED-ENG SEEMED TO LOSE PWR AFTER TKOF.NO RSN FOR LOSS OF PWR FOUND.

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FILE  DATE          LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                      PILOT DATA
                                                               F  S M/N        PURPOSE

3-2513  9/28/79  NR.BATON ROUGE,LA      PIPER PA-25            CR-  0  0  1   COMMERCIAL                  COMMERCIAL, FL.INSTR.,
        TIME - 0745                     N4485Y                 PX-  0  0  0   ASSOC CROP CTL ACTIVITY     AGE 34, 5666 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                                452 IN TYPE, NOT INSTRU-
        DEPARTURE POINT               INTENDED DESTINATION                                                MENT RATED.
          BATON ROUGE,LA                LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                LANDING  ROLL
          GEAR COLLAPSED                                          LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  500
          KIND OF CROP - BEANS                                  KIND OF OPERATION - DEFOLIATION (LIQUID)
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED              TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          GOGGLES - NOT USED                                    GLOVES - NOT USED
          COCKPIT CRASHPAD - INSTALLED                          CRASH HELMET - AVAILABLE USED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT               CRASH BAR - INSTALLED
                                                                TERRAIN-TYPE - LEVEL,FLAT
        REMARKS- DRG LNDG ON FARM/ROAD.ACFT SWERVED INTO ADJACENT SOYBEAN FLD.


3-2512  10/4/79  NR.ALEXANDRIA,LA       AERO COMDR 680W        CR-  0  0  1   NONCOMMERCIAL
        TIME - 1915                     N7135P                 PX-  0  0  2   CORP/EXEC                   COMMERCIAL, AGE 33, 1841
                                        DAMAGE-DESTROYED                                                  TOTAL HOURS, 31 IN TYPE,
        DEPARTURE POINT               INTENDED DESTINATION                                                INSTRUMENT RATED.
          PENSACOLA,FL                  FORT WORTH,TX
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          FIRE OR EXPLOSION  IN FLIGHT                            IN FLIGHT  NORMAL CRUISE
          GEAR COLLAPSED                                          LANDING  ROLL

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FACTOR(S)
          MISCELLANEOUS - SMOKE IN COCKPIT
          MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT
          MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                  SMOKE IN COCKPIT
        REMARKS- LNDD SAFELY ON PASTURE.ACFT EXPLODED & BURNED IMMEDIATELY AFTERWARDS.
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FILE   DATE        LOCATION              AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                              F  S M/N       PURPOSE

3-2515 10/22/79 NR.MORGAN CITY.LA      CESSNA 180F        CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 23, 1500
       TIME - 0945                     N9976N             PX-  0  0  1  BUSINESS                   TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         HARVEY.LA                     MORGAN CITY.LA
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                 TAXI  FROM LANDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
       FACTOR(S)
         TERRAIN - HIDDEN OBSTRUCTIONS
       REMARKS- COLLIDED WITH SUBMERGED SAND BAR.ACFT EQUIPPED W FLOATS.

3-2653 9/13/79    MT AIRY.MD           GRUMMAN AA1C       CR-  0  0  2  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
       TIME - 1600                     N31NA              PX-  0  0  0  DUAL                       AGE 59, 8624 TOTAL HOURS,
                                       DAMAGE-DESTROYED                                            557 IN TYPE. INSTRUMENT
       DEPARTURE POINT               INTENDED DESTINATION                                          RATED.
         BALTIMORE, MD                 LOCAL
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLIDED WITH  CROP                                   IN FLIGHT  OTHER

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
       REMARKS- INST PILOT DEMO EMERGENCY LAND OPEN FIELD.

3-2686 11/18/79   GRASONVILLE.MD       PIPER PA-28        CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 27, 228
       TIME - 1300                     N2889G             PX-  0  0  3  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 3 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       NAME OF AIRPORT - CASTLE MARINA
       DEPARTURE POINT               INTENDED DESTINATION
         PENN VALLEY.PA                GRASONVILLE.MD
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                 LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
         MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
       REMARKS- SWERVED TO AVOID AC LNDG OPPOSITE DIRECTION.FAILED TO CLEAR BUSHES.
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FILE   DATE          LOCATION           AIRCRAFT DATA         INJURIES      FLIGHT                              PILOT DATA
                                                                F  S M/N     PURPOSE

3-2680 8/31/79   TEWKSBURY,MA          CESSNA 150L          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 49, 127
       TIME - 1830                     N18585               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 86 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - TEWMAC
       DEPARTURE POINT              INTENDED DESTINATION
         BEDFORD,MA                   LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  OTHER
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- CARB HEAT CORRECTED PREVIOUS PWR & RPM LOSS.


3-2601 5/11/79    BAD AXE,MI           CESSNA 206           CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 29, 275
       TIME - 1938                     N5031U               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 5 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - HURON COUNTY
       DEPARTURE POINT              INTENDED DESTINATION
         BAD AXE,MI                   LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
         COLLIDED WITH  DITCHES                                    LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
         MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- #6 CYL CONTAINED APPROX 1/2 CUP FOREIGN MATERIAL
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2508	7/21/79 TIME - 1116	PELLSTON,MI	PIPER PA-22 N5809D DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 138 TOTAL HOURS, 47 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EMMET COUNTY
DEPARTURE POINT — PELLSTON,MI
INTENDED DESTINATION — MACKINAW,MI
TYPE OF ACCIDENT — COLLIDED WITH BUILDING(S)
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INCAPACITATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
FIRE AFTER IMPACT
REMARKS- PILOT SUSTAINED EPILEPTIC SEIZURE. HANGAR AND 3 GENERAL AVIATION ACFT DESTROYED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2600	8/16/79 TIME - 1930	MANCHESTER,MI	STITTS SA-3A N198C DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 60, 2356 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — ANN ARBOR,MI
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION — IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
AIRFRAME - WINGS SKIN AND ATTACHMENTS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- R WING FABRIC SEPARATED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2509	9/2/79 TIME - 1915	GRAYLING,MI	PIPER PA-28R N4392T DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 256 TOTAL HOURS, 51 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KELLEY'S
DEPARTURE POINT — GRAYLING,MI
INTENDED DESTINATION — PONTIAC,MI
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 75
WIND DIRECTION-DEGREES — 280
WIND VELOCITY-KNOTS — 12
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- HIT TREES 175FT BEYOND END OF 2100FT RWY.HI GRASS FIRST 400FT.LONGER RWY AVIALABLE.DENS ALT 2300FT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2407	9/3/79 TIME - 1504	FLINT,MI	HUGHES 269B N9310F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	MISCELLANEOUS OTHER	COMMERCIAL, FL.INSTR., AGE 30, 1652 TOTAL HOURS, 600 IN TYPE, NOT INSTRU-MENT RATED.

DEPARTURE POINT — FLINT,MI
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — PROPELLER/ROTOR FAILURE TAIL ROTOR; HARD LANDING
PHASE OF OPERATION — IN FLIGHT OTHER; LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- DROPPING MINIATURE PARACHUTES.PAX ATTEMPTED TO SEPARATE BUNDLE.CHUTES BLEW OUT INTO DRIVE SHAFT.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                                PILOT DATA
                                                             F  S M/N       PURPOSE

3-2408  9/22/79    FRAZER,MI           BREEZY RLU-1         CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 33, 221
        TIME - 1000                    N9369                PX-  1  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 126 IN TYPE,
                                       DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          MCKINLEY,MI                  NEW HUDSON,MI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          SYSTEMS - FLIGHT CONTROL SYSTEMS  AILERON AND AILERON TAB CONTROL SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - POOR WELD
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
        REMARKS- AILERON CABLE PULLEY BRACKET LOWER WE D SURFACES HEAVILY OXIDIZED.


3-2603  9/28/79    GLADWIN,MI          CESSNA 182F          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 43, 239
        TIME - 0100                    N3564Y               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 69 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          HOUGHTON LAKE,MI             SAGINAW,MI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL SIPHONING
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        REMARKS- LEFT WING TANK,FUEL CAP LOOSE.


3-2409  10/1/79    BYRON CENTER,MI     CESSNA 172K          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 19, 50 TOTAL
        TIME - 1050                    N84660               PX-  0  0  3  PLEASURE/PERSONAL TRANSP  HOURS, 1 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - SOUTH KENT
        DEPARTURE POINT              INTENDED DESTINATION
          BYRON CENTER,MI              LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                          PILOT DATA
                                                                  F  S M/N       PURPOSE

3-2602  10/17/79 NR.LANSING,MI            CESSNA 402A            CR-  0  0  1  COMMERCIAL                  AIRLINE TRANSPORT, AGE
        TIME - 2100                       N78090                 PX-  0  0  4  COMMUTER AIR CARRIER        41, 5000 TOTAL HOURS, 71
                                          DAMAGE-SUBSTANTIAL                   AIR TAXI-PASSG S-D          IN TYPE, INSTRUMENT
                                                                                                           RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          DETROIT,MI                      LANSING,MI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                               IN FLIGHT  CLIMB TO CRUISE

        PROBABLE CAUSE(S)
          POWERPLANT - EXHAUST SYSTEM  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- LEFT ENG INBOARD EXHAUST BELLOWS,CESSNA PN 0850660-9,FAILED.HEAT DAMAGE TO LWR WING/ENG NACELLE.


3-2480  5/22/79    GRAND MARAIS,MN        CESSNA 172M            CR-  0  1  0  NONCOMMERCIAL               PRIVATE, AGE 47, 200
        TIME - 1600                       N13900                 PX-  2  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, UNK/NR IN
                                          DAMAGE-DESTROYED                                                 TYPE, NOT INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - DEVIL'S TRACK
        DEPARTURE POINT                 INTENDED DESTINATION
          ARMSTRONG,ONTARIO               GRAND MARAIS,MN
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  TREES                                      IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - ALTIMETER SETTING-INCORRECT
          WEATHER - LOW CEILING
          WEATHER - RAIN
          WEATHER - FOG
        WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          OVERCAST                                                  300
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          1/4 MILE OR LESS                                          NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          FOG                                                       39
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          80                                                        8
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          IFR                                                       NONE
        REMARKS- PLT ESTIMATED CEILING AT ACCD SITE.
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FILE   DATE         LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                         PILOT DATA
                                                           F  S M/N     PURPOSE

3-2478 3/1/79     GULFPORT,MS       EXCALIBUR 8E-70      CR-  1  0  0  COMMERCIAL                COMMERCIAL, AGE 29, 1528
       TIME - 1504                  N777AF               PX-  7  0  0  COMMUTER AIR CARRIER      TOTAL HOURS, 15 IN TYPE,
                                    DAMAGE-DESTROYED                   AIR TAXI-PASSG S-D        INSTRUMENT RATED.
       NAME OF AIRPORT - GULFPORT-BILOXI
       DEPARTURE POINT            INTENDED DESTINATION           LAST ENROUTE STOP
         HOUSTON,TX                 NEW ORLEANS,LA                 GULFPORT,MS
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL                                                     LANDING  TRAFFIC PATTERN-CIRCLING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
       FACTOR(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)
         PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL  DEFICIENCY,COMPANY MAINTAINED EQPMT,SERVICES,REGULATION
         PERSONNEL - RULES,REGULATIONS,STANDARDS PERSONNEL
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
         SYSTEMS - FLIGHT CONTROL SYSTEMS  WING FLAP CONTROL SYSTEM ELECTRICAL
       REMARKS- NOSE BAGGAGE DOOR OPENED DRG TKOF.STARTER INTERRUPT SYST.FLAPS INOP.INADEQUATE PART 135 TRAINING.


3-2492 9/4/79   NR.CANTON,MS        EMAIR MA-1           CR-  0  0  1  COMMERCIAL                COMMERCIAL, AGE 47, 20200
       TIME - 1505                  N97063               PX-  0  0  0  ASSOC CROP CTL ACTIVITY   TOTAL HOURS, 15 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       DEPARTURE POINT            INTENDED DESTINATION
         CANTON,MS                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  RETURN TO STRIP
         COLLISION WITH GROUND/WATER  CONTROLLED                   LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         POWERPLANT - FUEL SYSTEM  PUMPS
         MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
         MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED      KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - COTTON                                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - FASTENED-PROPERLY                   GLOVES - NOT USED
         GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT
       REMARKS- BLACK GUM-LIKE SUBSTANCE FOUND IN VANES & ROTOR BODY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2644	7/17/79 TIME - 2030	MOUND CITY,MO	ROCKWELL S2R N5012X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 35, 6009 TOTAL HOURS, 583 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: TARKIO,MO
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
TERRAIN - ROUGH/UNEVEN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 2784
KIND OF CROP - CORN
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1040
PROCEDURE TURNAROUND - FIRST 1/3 TURN
KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - HILLY
SWATH RUN-HOW FLOWN - WIND CALM

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2415	6/25/79 TIME - 1630	NR.EMIGRANT,MT	BELL 47G3B1 N3078G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, 12300 TOTAL HOURS, 3071 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: EMIGRANT,MT
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LANDED IN SWAMP

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2669	8/24/79 TIME - 1730	NR.NEIHART,MT	BEECH B23 N7635R DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 176 TOTAL HOURS, 107 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
DILLON,MT
INTENDED DESTINATION
LAKE LERANGE,CAN
LAST ENROUTE STOP
HAVRE,MT
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
OBSCURATION
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
ZERO
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- RECOVERY DATE 8/25/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2410	8/29/79 TIME - 2030	BIG SANDY,MT	PIPER PA-24 N5791P DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 126 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BIG SANDY
DEPARTURE POINT
CONRAD,MT
INTENDED DESTINATION
BIG SANDY,MT
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- HIT PWR LINES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2413	9/19/79 TIME - 1205	NR.BILLINGS,MT	CESSNA 182G N3410S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 39, 553 TOTAL HOURS, 103 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - INDIAN CREEK
DEPARTURE POINT — GREYBULL,WYO
INTENDED DESTINATION — BILLINGS,MT
TYPE OF ACCIDENT
  OVERSHOOT
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  80
WIND VELOCITY-KNOTS
  20
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  TAIL WIND 158-202 DEGREES
WIND DIRECTION-DEGREES
  360
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- ONE WAY STRIP. GUSTING TO 25K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2414	9/25/79 TIME - 1030	NR.WINNETT,MT	PIPER PA-18 N83413 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 35, 7630 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — LEWISTON,MT
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH DITCHES
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
  PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
FACTOR(S)
  TERRAIN - HIDDEN OBSTRUCTIONS
REMARKS- LND IN HAYFIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2412	9/27/79 TIME - 1140	NR.THREE FORKS,MT	CESSNA 172K N84445 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 62 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT: BELGRADE,MT
INTENDED DESTINATION: THREE FORKS,MT
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
TERRAIN - WET,SOFT GROUND
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: RIGHT CROSS WIND 068-112 DEGREES
TEMPERATURE-F: 70
WIND DIRECTION-DEGREES: 310
WIND VELOCITY-KNOTS: 15
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- DRG LNDG FLARE,ACFT DRIFT OFF STRIP INTO SOFT BARLEY STUBBLE FLD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2411	10/16/79 TIME - 1700	NR.DILLON,MT	CESSNA A185F N49610 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 48, 2057 TOTAL HOURS, 95 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: DILLON,MT
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLIDED WITH TREES
PHASE OF OPERATION: IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
FIRE AFTER IMPACT
REMARKS- AERIAL SURVEY.

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FILE   DATE        LOCATION          AIRCRAFT DATA          INJURIES     FLIGHT                      PILOT DATA
                                                            F  S M/N     PURPOSE
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3-2416 10/19/79  BILLINGS,MT         CESSNA 150         CR-  0  0  2  INSTRUCTIONAL            COMMERCIAL, FL.INSTR.,
       TIME - 1350                   N45361             PX-  0  0  0  DUAL                     AGE 26, 839 TOTAL HOURS,
                                     DAMAGE-SUBSTANTIAL                                        380 IN TYPE, INSTRUMENT
                                                                                               RATED.
       NAME OF AIRPORT - LOGAN
       DEPARTURE POINT             INTENDED DESTINATION
         SCOBEY,MT                  BILLINGS,MT
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         NOSE OVER/DOWN                                        TAXI  FROM LANDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
         WEATHER - UNFAVORABLE WIND CONDITIONS
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
       WEATHER FORECAST - UNKNOWN/NOT REPORTED

       SKY CONDITION                                         CEILING AT ACCIDENT SITE
         BROKEN                                                5500
       VISIBILITY AT ACCIDENT SITE                           PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                  NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE               RELATIVE BEARING OF WIND
         NONE                                                  UNKNOWN/NOT REPORTED
       TEMPERATURE-F                                         WIND DIRECTION-DEGREES
         55                                                    300
       WIND VELOCITY-KNOTS                                   TYPE OF WEATHER CONDITIONS
         28                                                    VFR
       TYPE OF FLIGHT PLAN
         VFR
       REMARKS- GUSTING TO 43K.


3-2491 10/20/79 NR.BILLINGS,MT       CESSNA 210         CR-  0  0  1  NONCOMMERCIAL            PRIVATE, AGE 18, 1295
       TIME - 1130                   N3976Y             PX-  0  0  1  PLEASURE/PERSONAL TRANSP TOTAL HOURS, 280 IN TYPE,
                                     DAMAGE-SUBSTANTIAL                                        NOT INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         BILLINGS,MT                LOCAL
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                 TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         TERRAIN - OTHER
       REMARKS- TKOF FROM COUNTRY ROAD. L WG HIT POSTS.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                                F  S M/N     PURPOSE

3-2699  7/12/79    HARTINGTON,NE          CESSNA A188B         CR-  0  0  1  COMMERCIAL                    COMMERCIAL, AGE 29, 2221
        TIME - 0700                       N9275R              .PX-  0  0  0  ASSOC CROP CTL ACTIVITY       TOTAL HOURS, 620 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HARTINGTON MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          HARTINGTON,NE                LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  DITCHES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED        KIND OF OPERATION - DUSTING CROPS
          KIND OF CROP - CORN                                       TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                  GLOVES - USED
          GOGGLES - NOT USED                                        CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                              CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT


3-2698  7/27/79  NR.SHELTON,NE            HUGHES 269C          CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, FL.INSTR.,
        TIME - 1600                       N58320               PX-  0  0  1  CORP/EXEC                     AGE 46, 5000 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                               400 IN TYPE, NOT INSTRU-
                                                                                                           MENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          WOODRIVER,NE                 LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ROLL OVER                                                   IN FLIGHT  HOVERING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
        FACTOR(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
        REMARKS- INSPECTING CROPS.
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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                             F  S M/N      PURPOSE

3-2696 9/23/79    OMAHA,NE              PIPER PA-28          CR-  0  0  1  MISCELLANEOUS                   COMMERCIAL, FL.INSTR.,
       TIME - 1145                      N54435               PX-  0  0  2  DEMONSTRATION                   AGE 22, 299 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                                 20 IN TYPE, NOT INSTRU-
       NAME OF AIRPORT - MILLARD AIRPORT                                                                   MENT RATED.
       DEPARTURE POINT           INTENDED DESTINATION
         OMAHA,NE                  LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  CLIMB TO CRUISE
         COLLIDED WITH  DITCHES                                   LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  PISTON,PISTON RINGS
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
         MISCELLANEOUS ACTS,CONDITIONS - STICKING
         MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- NO.4 PISTON OIL RING,PN 73457,FAILED & NO.4 EXHAUST VLV STUCK.EMERG LNDG IN ALFALFA FLD.


3-2697 10/10/79 NR.O'NEILL,NE           CESSNA 150           CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 20, 190
       TIME - 2145                      N7959F               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - STORJOHANN FARM
       DEPARTURE POINT           INTENDED DESTINATION
         OMAHA,NE                  O'NEILL,NE
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         STALL  MUSH                                              LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
         MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES  RUNWAY LIGHTING
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
       REMARKS- PLT STATED-LINED UP W ROW OF TREES DRG NGT LNDG AT UNLGTD FARM STRIP.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2700	11/17/79 TIME - 1415	NEBRASKA CITY,NE	CESSNA 150J N50467 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 84 TOTAL HOURS, 57 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GRUNDMAN
DEPARTURE POINT
MANHATTAN,KS
INTENDED DESTINATION
NEBRASKA CITY,NE
TYPE OF ACCIDENT
OVERSHOOT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2627	7/14/79 TIME - 1330	RENO, NV	BEECH C23 N22111 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 300 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RENO/STEAD
DEPARTURE POINT
VACAVILLE, CA
INTENDED DESTINATION
RENO, NV
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
TEMPERATURE-F
95
WIND DIRECTION-DEGREES
180
WIND VELOCITY-KNOTS
10
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- PORPOISED AFTER INITIAL TOUCHDOWN.D/A APRX 8500FT.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                       PILOT DATA
                                                               F  S M/N       PURPOSE

3-2654 4/21/79     LEBANON,NH          PIPER PA-18          CR-  1  0  0  MISCELLANEOUS                PRIVATE, AGE 29, 328
       TIME - 1213                     N2344J               PX-  0  1  0  FERRY                        TOTAL HOURS, 4 IN TYPE,
                                       DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LEBANON REGIONAL
       DEPARTURE POINT               INTENDED DESTINATION
         LOCK HAVEN, PA                LEBANON,NH
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         HARD LANDING                                               LANDING  LEVEL OFF/TOUCHDOWN
         STALL                                                      LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
         MISCELLANEOUS ACTS,CONDITIONS - INCORRECT TRIM SETTING
       FIRE AFTER IMPACT
       REMARKS- STABILIZER TRIM IN FULL NOSE DOWN PSN.


3-2651 9/16/79     MANCHESTER,NH       BEECH 19             CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 39, 163
       TIME - 2057                     N24601               PX-  1  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 116 IN TYPE,
                                       DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - MANCHESTER MUNI
       DEPARTURE POINT               INTENDED DESTINATION
         MANCHESTER,NH                 STOW,MA
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         STALL  SPIRAL                                              TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-2629 7/11/79     ATLANTIC CITY,NJ    TED SMITH TS-600     CR-  0  0  1  COMMERCIAL                   AIRLINE TRANSPORT, AGE
       TIME - 1250                     N500TS               PX-  0  0  2  COMMUTER AIR CARRIER         27, 2870 TOTAL HOURS, 26
                                       DAMAGE-SUBSTANTIAL                 AIR TAXI-PASSG S-D           IN TYPE, INSTRUMENT
                                                                                                       RATED.
       NAME OF AIRPORT - NAFEC
       DEPARTURE POINT               INTENDED DESTINATION
         ATLANTIC CITY,NJ              BALTIMORE,MD
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         WHEELS-UP                                                  LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
       FACTOR(S)
         PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
       REMARKS- PLT CONCERNED WITH OTR COMPANY TFC.FLT RTND TO ACY BECAUSE OF BLOCKED AIRSPACE IN BAL AREA.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2609	3/25/79 TIME - 1345	NR.HATCH,NM	PIPER PA-38 N2578B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 24, 929 TOTAL HOURS, 96 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  LAS CRUCES,NM
INTENDED DESTINATION
  TRUTH OR CONS,NM
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2610	5/8/79 TIME - 2030	NR.EL MORRO,NM	MOONEY M20F N842JW DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 220 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  ALBUQUERQUE,NM
INTENDED DESTINATION
  WINDOW ROCK,AZ
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
FACTOR(S)
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
  OBSCURATION
CEILING AT ACCIDENT SITE
  100
VISIBILITY AT ACCIDENT SITE
  1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  SNOW SHOWERS, FREEZING RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  VFR
REMARKS- RECOVERY DATE 5/10/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2611	7/26/79 TIME - 1655	FARMINGTON,NM	CESSNA P210 N4798K DAMAGE-SUBSTANTIAL	CR- 0 2 0 PX- 0 2 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 52, 1750 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FARMINGTON MUNI
DEPARTURE POINT — WICHITA,KS
INTENDED DESTINATION — FARMINGTON,NM
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
FACTOR(S)
PERSONNEL - PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL
POWERPLANT - FUEL SYSTEM PUMPS
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
POWERPLANT - FUEL SYSTEM LINES AND FITTINGS
MISCELLANEOUS ACTS,CONDITIONS - PINCHED
PERSONNEL - PRODUCTION-DESIGN-PERSONNEL OTHER
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- AUX FUEL PUMP OPN INFO CONTAINED IN MANUAL BUT NOT HEADED BY A NOTE,CAUTION,OR WARNING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2612	8/15/79 TIME - 0720	NR.ARTESIA,NM	PIPER PA-18 N83286 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, FL.INSTR., AGE 35, 1762 TOTAL HOURS, 281 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — ROSEWELL,NM
INTENDED DESTINATION — ARTESIA,NM
TYPE OF ACCIDENT
TURBULENCE
STALL
PHASE OF OPERATION
IN FLIGHT LOW PASS
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
MISCELLANEOUS - VORTEX TURBULENCE
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- US FISH & WILDLIFE SERVICE,PREDATOR CONTROL MISSION,360DEG TURNS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2683	10/8/79 TIME - 1100	WESTHAMPTON,NY	CESSNA 185 N93010 DAMAGE-NONE	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 59, 15000 TOTAL HOURS, 6003 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — WESTHAMPTON,NY
INTENDED DESTINATION — NEW YORK CITY,NY
TYPE OF ACCIDENT
PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION
STATIC IDLING ENGINE(S)

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PASSENGER
REMARKS- A/C FLOAT EQUIPPED.

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                              PILOT DATA
                                                               F  S M/N    PURPOSE

3-2647  7/4/79     KITTY HAWK,NC        CESSNA 172          CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 35, 122
        TIME - 1830                     N20739              PX-  4  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 86 IN TYPE,
                                          DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          KITTY HAWK,NC                  ELIZABETH CITY,NC
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                     IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - THUNDERSTORM ACTIVITY
          WEATHER - OBSTRUCTIONS TO VISION
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                                 CEILING AT ACCIDENT SITE
          OVERCAST                                                      80
        VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
          2 MILES OR LESS                                               THUNDERSTORM, RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TEMPERATURE-F
          HAZE                                                          81
        WIND DIRECTION-DEGREES                                        WIND VELOCITY-KNOTS
          290                                                           7
        TYPE OF WEATHER CONDITIONS                                    TYPE OF FLIGHT PLAN
          IFR                                                           VFR
        REMARKS- FSS SPECIALIST ADVISED PILOT HE DID NOT RECOMMEND VFR FLT AT THAT TIME.


3-2485  10/1/79    KNIGHTDALE,NC        CESSNA 310I         CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 30, 1149
        TIME - 2200                     N2000T              PX-  0  0  2  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 83 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        NAME OF AIRPORT - KNIGHTDALE
        DEPARTURE POINT                INTENDED DESTINATION
          NEWARK, NJ                     KNIGHTDALE,NC
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLIDED WITH  PARKED AIRCRAFT                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        REMARKS- R BRAKE PADS MISSING,L&R BRAKE DISCS WARPED,15HRS OUT OF ANNUAL,HIT PARKED PA-32R,N5765R,SUBST DMG
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FILE    DATE         LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                             F  S M/N       PURPOSE

3-2488  1/18/79    SCOTTOWN,OH         PIPER PA-23          CR-  2  0  0  NONCOMMERCIAL                   PRIVATE, AGE 42, 500
        TIME - 1645                    N4031P               PX-  1  2  0  BUSINESS                        TOTAL HOURS, 75 IN TYPE,
                                       DAMAGE-DESTROYED                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          GALLIPOLIS,OH                LEXINGTON,KY
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
          STALL  SPIN                                             LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - PROPELLER AND ACCESSORIES  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - WRONG PART
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
          MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- L ENG PROP GOV OIL LINE ALUMINUM ALLOY.MFGR SPEC STATED STEEL TUBING.


3-2487  4/27/79    ELYRIA,OH           PIPER PA-31T         CR-  2  0  0  NONCOMMERCIAL                   ATP,FLIGHT INSTR., AGE
        TIME - 1150                    N82282               PX-  0  0  0  PRACTICE                        44, 3510 TOTAL HOURS, 8
                                       DAMAGE-DESTROYED                                                   IN TYPE, INSTRUMENT
                                                                                                          RATED.
        NAME OF AIRPORT - LORAIN COUNTY
        DEPARTURE POINT              INTENDED DESTINATION         LAST ENROUTE STOP
          ELYRIA,OH                    ELYRIA,OH                    AKRON CANTON,OH
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                 LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
          COPILOT - IMPROPER OPERATION OF FLIGHT CONTROLS
          COPILOT - MISUSED OR FAILED TO USE FLAPS
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
        REMARKS- WITNESSES DESCRIBED SE GO-AROUND,FLAPS DOWN,ENG WINDMILLING.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2489	5/9/79 TIME - 0005	NR.BURTON,OH	BEECH E18S N438A DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 31, 8600 TOTAL HOURS, 5000 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
YOUNGSTOWN,OH
INTENDED DESTINATION
PONTIAC,MI
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FACTOR(S)
PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW
FIRE AFTER IMPACT
REMARKS- 3 ACFT FORMATION FLIGHT AT NIGHT OVER HOUSE OF LEADER'S MOTHER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2596	10/5/79 TIME - 1415	FREDERICKTOWN,OH	GRUM-AMER AA1-B N1650R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 136 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CRAFT
DEPARTURE POINT
FREDERICKTOWN,OH
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLIDED WITH CROP
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
REMARKS- DRIFTED LEFT,HIT CORN GROWING NEAR RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2598	10/22/79 TIME - 0915	DAYTON,OH	BELLANCA 7ECA N53969 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 48, 969 TOTAL HOURS, 13 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MORAINE PARK
DEPARTURE POINT — INTENDED DESTINATION
DAYTON,OH — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — LANDING GO-AROUND
NOSE OVER/DOWN — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
67
WIND VELOCITY-KNOTS
12
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
WIND DIRECTION-DEGREES
180
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- PILOT STATED-AFTER ACFT DRIFTED RGT,ENG COUGHED/SPUTTERED DRG GO-ARND W CARB HEAT ON.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2597	10/29/79 TIME - 0945	MARION,OH	PIPER PA-38 N9281T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 36, 47 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MARION MUNI
DEPARTURE POINT — INTENDED DESTINATION
MARION,OH — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — TAKEOFF RUN
COLLIDED WITH TREES — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
REMARKS- PLT'S SEAT NOT PROPERLY SECURED.SLID TO FULL AFT POSITION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2681	11/6/79 TIME - 1339	MANSFIELD,OH	CESSNA 205 N81737 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 745 TOTAL HOURS, 165 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
COLUMBUS,OH
INTENDED DESTINATION
KENT,OH
LAST ENROUTE STOP
MANSFIELD,OH
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- NO FUEL AT MANSFIELD,NOTAMED,FUEL AVBL IN OTHER TANK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2423	11/9/79 TIME - 1530	NR.WEST MILTON,OH	CESSNA 182 N1907X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 2808 TOTAL HOURS, 830 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TROY SKYPARK
DEPARTURE POINT
OSKALOOSA,IA
INTENDED DESTINATION
WEST MILTON,OH
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - LANDED AT WRONG AIRPORT
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - FOG
TERRAIN - WET,SOFT GROUND
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
500
VISIBILITY AT ACCIDENT SITE
1 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
48
WIND DIRECTION-DEGREES
180
WIND VELOCITY-KNOTS
10
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
IFR
REMARKS- MISTOOK JONES ACRES FOR DESTN ARPT.LNDD IN GRASS FLD NR RWY.ENTERED PLOWED FLD TO AVOID RUF TRRN.

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FILE   DATE        LOCATION          AIRCRAFT DATA          INJURIES     FLIGHT                       PILOT DATA
                                                             F  S M/N    PURPOSE

3-2520 7/2/79   NR.COWETA,OK        PIPER PA-25            CR- 0 1 0  COMMERCIAL                COMMERCIAL, AGE 27, 474
       TIME - 0630                  N46084                 PX- 0 0 0  AERIAL APPLICATION        TOTAL HOURS, 120 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       DEPARTURE POINT            INTENDED DESTINATION
         COWETA,OK                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  PULLUP FROM SWATH RUN
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED      KIND OF OPERATION - UNKNOWN/NOT REPORTED
         KIND OF CROP - UNKNOWN/NOT REPORTED                     TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                COCKPIT CRASHPAD - INSTALLED
         CRASH BAR - INSTALLED                                   TANK/HOPPER-LOCATION - FORWARD OF PILOT
         SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

3-2517 7/29/79    LAWTON,OK         BELLANCA 7KCAB         CR- 0 0 1  MISCELLANEOUS             PRIVATE, AGE 53, 507
       TIME - 1745                  N8509                  PX- 0 0 1  TOWING GLIDERS            TOTAL HOURS, 290 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       NAME OF AIRPORT - CUNNINGHAM FIELD
       DEPARTURE POINT            INTENDED DESTINATION
         CHATTANOOGA,OK             LAWTON,OK
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
       REMARKS- LEFT MAIN GEAR BOLTS,PN 1-9805 & MS20005-34,FAILED.

3-2526 8/8/79     O'KEENE,OK        PIPER PA-22            CR- 0 1 0  NONCOMMERCIAL             PRIVATE, AGE 31, 208
       TIME - 1618                  N3808P                 PX- 0 0 0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 71 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       NAME OF AIRPORT - O'KEENE MUNI
       DEPARTURE POINT            INTENDED DESTINATION
         MENO,OK                    O'KEENE,OK
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
       REMARKS- PILOT'S MEDICAL CERTIFICATE VALID ONLY FOR FAA HANDICAP FLIGHT TEST.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2518	8/25/79 TIME - 1611	MANNFORD,OK	PIPER PA-38 N9700T DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 143 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLINTON-GREENWOOD
DEPARTURE POINT
MANNFORD,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2525	9/19/79 TIME - 1420	EL RENO,OK	CESSNA R172K N4634K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 49, 1800 TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EL RENO
DEPARTURE POINT
ABILENE,TX
INTENDED DESTINATION
EL RENO,OK
LAST ENROUTE STOP
OLNEY,TX
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- DITCH NR END OF RUNWAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2519	9/27/79 TIME - 1530	NR.TULSA,OK	PIPER PA-28R N1073X DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 28, 3046 TOTAL HOURS, 1454 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
TULSA,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
WHEELS-UP
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- COLLIDE W PWR LINE DRG GO-AROUND FROM PRACTICE FORCED LNDG.

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                                   PILOT DATA
                                                                 F  S M/N       PURPOSE
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3-2523  9/28/79     ATOKA,OK            ERCO 415-C            CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 34, 377
        TIME - 1930                     N99813                PX-  0  0  0  BUSINESS                     TOTAL HOURS, 196 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          ADA,OK                          HUGO,OK
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  DITCHES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2521  9/29/79     BARTLESVILLE,OK     PITTS S-1C            CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 27, 685
        TIME - 1200                     N111CW                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 37 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BARTLESVILLE MUNI
        DEPARTURE POINT                 INTENDED DESTINATION
          BARTLESVILLE,OK                 LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
          GEAR COLLAPSED                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - LANDING GEAR  TAILWHEEL ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
          MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- MAULE TAILWHEEL SPRINGS SEPARATED DRG LNDG ROLL.20 HRS TOTAL TIME ON SPRINGS.


3-2524  10/1/79     GUYMON,OK           BRANTLEY B-2B         CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 23, 527
        TIME - 1700                     N2191U                PX-  0  0  1  CORP/EXEC                    TOTAL HOURS, 65 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          GUYMON,OK                       LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  TAIL ROTOR                         TAKEOFF  INITIAL CLIMB
          ROLL OVER                                                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM  TAIL ROTOR DRIVE SHAFT ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- TAIL ROTOR SHAFT COUPLING BOLT FAILED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2626	10/19/79 TIME - 1230	HENRYETTA,OK	CESSNA 188B N47270 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 28, 1779 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MACOMB,IL
TYPE OF ACCIDENT
FIRE OR EXPLOSION IN FLIGHT

INTENDED DESTINATION
FLORIDA CITY,FL

LAST ENROUTE STOP
UNKNOWN/NOT REPORTED
PHASE OF OPERATION
IN FLIGHT CLEANUP SWATH

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- PLT STATED-SMELLED SOMETHING HOT/BURNING.THEN NOTED FUEL FUMES.ACFT BURNED AFTER PRCTNRY LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2661	6/1/79 TIME - 2230	ESTACADA,OR	CESSNA 337A N6351F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 495 TOTAL HOURS, 143 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ESTACADA
DEPARTURE POINT
HILLSBORO,OR
TYPE OF ACCIDENT
WHEELS-UP

INTENDED DESTINATION
ESTACADA,OR

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
FACTOR(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
REMARKS- PLT STATED DISTRACTED BY PAX ON FINAL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2471	6/7/79 TIME - 1730	NR.ECHO,OR	SNOW S2D N1717S DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 42, 3000 TOTAL HOURS, 14 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - COONS HUTTER CRK
DEPARTURE POINT
ECHO,OR
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN

INTENDED DESTINATION
LOCAL

PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
FIRE AFTER IMPACT
REMARKS- RT. TIRE FOUND BLOWN,WHEEL ROTATED FREELY. PURPOSE OF FLIGHT WAS TO RINSE SPAY DEVICES AND TANK.

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FILE   DATE          LOCATION             AIRCRAFT DATA          INJURIES        FLIGHT                                PILOT DATA
                                                                  F  S M/N       PURPOSE

3-2631 6/16/79     RILEY,OR              PIPER PA-28          CR-  0  0  1   NONCOMMERCIAL                 PRIVATE, AGE 30, 373
       TIME - 1600                       N1716J               PX-  0  0  0   PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 237 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         CHICO,CA                        SPOKANE,WA
       TYPE OF ACCIDENT
         COLLIDED WITH  FENCE,FENCEPOSTS                            PHASE OF OPERATION
                                                                      LANDING  ROLL
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED CLEARANCE
       FACTOR(S)
         TERRAIN - OTHER
       REMARKS- LNDD ON GRASS FLD.R WG HIT FENCEPOSTS.


3-2662 7/8/79      CLATSKANIE,OR         PIPER J-3            CR-  0  0  1   NONCOMMERCIAL                 COMMERCIAL, AGE 39, 2043
       TIME - 1045                       N38790               PX-  0  0  1   PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 800 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         CLATSKANIE,OR                   LOCAL
       TYPE OF ACCIDENT
         ENGINE FAILURE OR MALFUNCTION                              PHASE OF OPERATION
         STALL                                                        TAKEOFF  INITIAL CLIMB
                                                                      IN FLIGHT  OTHER
       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - FUEL SYSTEM  SELECTOR VALVES
         MISCELLANEOUS ACTS,CONDITIONS - BINDING
         MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- ENG QUIT AFTER LOW ALT TURN. PLT LOST CTL DURING LOW TURN.
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FILE    DATE         LOCATION          AIRCRAFT DATA          INJURIES      FLIGHT                         PILOT DATA
                                                               F  S M/N     PURPOSE

3-2659  7/18/79  NR.EMBLER,OR          BELL 47G            CR-  0  0  1  COMMERCIAL                  COMMERCIAL, FL.INSTR.,
        TIME - 0645                    N6356X              PX-  0  0  0  ASSOC CROP CTL ACTIVITY     AGE 27, 5128 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                            932 IN TYPE, NOT INSTRU-
        DEPARTURE POINT              INTENDED DESTINATION                                            MENT RATED.
         EMBLER,OR                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  MAIN ROTOR                      IN FLIGHT  EN ROUTE TO RELOADING AREA
          NOSE OVER/DOWN                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          ROTORCRAFT - ROTOR ASSEMBLIES  MAIN ROTOR BLADES
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          TERRAIN - WET,SOFT GROUND
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED      KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - FRUIT ORCHARDS                           TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                   GLOVES - NOT USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                        CRASH BAR - NOT INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  2700
        REMARKS- M/R BLADE FAILED AT TRAILING EDGE GLUE LINE.


3-2472  7/21/79  NR.SISTERS,OR         CESSNA 150          CR-  0  1  0  NONCOMMERCIAL               STUDENT, AGE 37, 108
        TIME - 1515                    N51321              PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 107 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         ALBANY,OR                     BEND,OR
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                     LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- NR 1 EXHAUST VALVE SPRING RETAINER (PN 24027) FAILED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2448	7/24/79 TIME - 1820	NR.PILOT ROCK,OR	CESSNA 150 N51192 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 82 TOTAL HOURS, 66 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  PENDLETON,OR
TYPE OF ACCIDENT
  STALL

INTENDED DESTINATION
  LOCAL

PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- DENSITY ALT 8000FT, SIGHTSEEING FLT.

CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  75
TYPE OF FLIGHT PLAN
  NONE

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FILE   DATE          LOCATION            AIRCRAFT DATA         INJURIES        FLIGHT                              PILOT DATA
                                                                F  S M/N      PURPOSE
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3-2481  8/19/79  NR.BATES,OR            MAULE M4220C          CR-  0  0  1  INSTRUCTIONAL                  STUDENT, AGE 32, 50 TOTAL
        TIME - 2015                     N40307                PX-  0  0  0  TRAINING                       HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION            LAST ENROUTE STOP
          LONGCREEK,OR                 RETURN                          ROUND ROBIN
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                        LANDING  ROLL
          GEAR COLLAPSED                                               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
          WEATHER - THUNDERSTORM ACTIVITY
          TERRAIN - ROUGH/UNEVEN
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                  ADVERSE/UNFAVORABLE WEATHER

        SKY CONDITION                                                CEILING AT ACCIDENT SITE
          OVERCAST/LOWER SCATTERED                                     7000
        VISIBILITY AT ACCIDENT SITE                                  PRECIPITATION AT ACCIDENT SITE
          3 MILES OR LESS                                              RAIN, THUNDERSTORM
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                      WIND DIRECTION-DEGREES
          NONE                                                         60
        WIND VELOCITY-KNOTS                                          TYPE OF WEATHER CONDITIONS
          25                                                           VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- HIT GULLY LOG ON RIVER BED.


3-2470  8/22/79     SANDY,OR            CESSNA 305A           CR-  0  0  1  INSTRUCTIONAL                  PRIVATE, AGE 47, 331
        TIME - 1600                     N5305G                PX-  0  0  0  TRAINING                       TOTAL HOURS, 7 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - RICH'S
        DEPARTURE POINT              INTENDED DESTINATION
          SANDY,OR                     LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                     LANDING  ROLL
          COLLIDED WITH  PARKED AIRCRAFT                               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
        REMARKS- 4TH SOLO LDG IN TYPE ACFT. HIT CESSNA AG WAGON,MINOR DMG.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2531	8/25/79 TIME - 0930	NR.EUGENE,OR	CESSNA A185F N93086 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 873 TOTAL HOURS, 662 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
NORTH BEND,OR
INTENDED DESTINATION
SUTHERLIN,OR
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2671	9/1/79 TIME - 2355	NEWBERG,OR	MOONEY M20C N9753M DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 205 TOTAL HOURS, 96 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HILLSBORO,OR
INTENDED DESTINATION
ALBANY,OR
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - RAIN
WEATHER - FOG
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST

SKY CONDITION
OBSCURATION
CEILING AT ACCIDENT SITE
0
VISIBILITY AT ACCIDENT SITE
ZERO
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
67
WIND DIRECTION-DEGREES
210
WIND VELOCITY-KNOTS
8
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- FORECAST MARGINAL VFR CONDITIONS.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                           PILOT DATA
                                                               F  S M/N    PURPOSE

3-2670 9/1/79   NR.PAISLEY,OR        PIPER PA-28          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 52, 2800
       TIME - 0405                   N2818N               PX-  3  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 50 IN TYPE,
                                       DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         SUNNYSIDE,WA                RENO,NV
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                               IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - PHYSICAL IMPAIRMENT
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
       REMARKS- STRUCK MOUNTAIN 800FT BELOW CRUISE ALT.18 MILES OFF COURSE.


3-2530 9/9/79      COTTAGE GROVE,OR    CESSNA 150F          CR-  0  0  1  NONCOMMERCIAL              STUDENT, AGE 63, 157
       TIME - 1410                   N8937S               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - COTTAGE GROVE
       DEPARTURE POINT             INTENDED DESTINATION
         COTTAGE GROVE,OR            CRESWELL,OR
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  CLIMB TO CRUISE
         GEAR COLLAPSED                                           LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE CONTROLS  MIXTURE CONTROL ASSEMBLIES
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- MIXT CTL WIRE BROKEN AT CTL ARM. NOSE GR HIT FURROW.


3-2469 9/12/79     GRANTS PASS,OR      M.B.B. BO-209        CR-  0  0  1  MISCELLANEOUS              COMMERCIAL, AGE 44, 11162
       TIME - 1220                   N209AD               PX-  0  0  1  DEMONSTRATION              TOTAL HOURS, 3 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - JOSEPHINE CO.
       DEPARTURE POINT             INTENDED DESTINATION
         GRANTS PASS,OR              LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  DESCENDING
         COLLIDED WITH  TREES                                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         POWERPLANT - FUEL SYSTEM  FUEL INJECTION SYSTEM
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- BENDIX FUEL INJECTOR (PN 2524147-5).
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FILE    DATE        LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                              PILOT DATA
                                                            F  S M/N      PURPOSE

3-2482  9/14/79  NR.CONDON,OR         CESSNA 182P          CR-  0  0  1  NONCOMMERCIAL                    PRIVATE, AGE 41, 297
        TIME - 1930                   N4677K               PX-  0  0  2  PLEASURE/PERSONAL TRANSP         TOTAL HOURS, 88 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                                  INSTRUMENT RATED.
        NAME OF AIRPORT - WHITE ELEPHANT
        DEPARTURE POINT              INTENDED DESTINATION
         CONDON,OR                    AURORA,OR                   PHASE OF OPERATION
        TYPE OF ACCIDENT                                            TAKEOFF  INITIAL CLIMB
          STALL  MUSH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
        WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
          NONE                                                      LEFT QUARTERING HEAD WIND 293-337 DEGREES
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          15                                                        VFR
        TYPE OF FLIGHT PLAN
          NONE

3-2630  9/21/79    SUNRIVER,OR        BEECH P35            CR-  0  0  1  NONCOMMERCIAL                    PRIVATE, AGE 35, 658
        TIME - 1945                   N1752G               PX-  0  0  0  BUSINESS                         TOTAL HOURS, 444 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SUNRIVER                                LAST ENROUTE STOP
        DEPARTURE POINT              INTENDED DESTINATION           PORTLAND,OR
          WATSONVILLE,CA               SUNRIVER,OR                PHASE OF OPERATION
        TYPE OF ACCIDENT                                            LANDING  FINAL APPROACH
          ENGINE FAILURE OR MALFUNCTION                             LANDING  LEVEL OFF/TOUCHDOWN
          HARD LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          PILOT IN COMMAND - IMPROPER LEVEL OFF
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- 4 GALS IN RT TANK.NONE IN LEFT.DID NOT REFUEL ENROUTE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2467	9/22/79 TIME - 1030	CLATSKANIE,OR	CESSNA 172N N7335B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 141 TOTAL HOURS, 79 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  VANCOUVER,WA
INTENDED DESTINATION
  ASTORIA,OR
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  NOSE OVER/DOWN
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  TERRAIN - SANDY
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- NO ENG MALFUNCTION FOUND. LND ON BEACH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2660	9/23/79 TIME - 1600	TIGARD,OR	AERONCA 7AC N1787E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 89 TOTAL HOURS, 6 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEYERS
DEPARTURE POINT
  TIGARD,OR
INTENDED DESTINATION
  RETURN
LAST ENROUTE STOP
  AURORA,OR
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

SKY CONDITION
  BROKEN
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  60
WIND VELOCITY-KNOTS
  15
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  4000
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  TAIL WIND 158-202 DEGREES
WIND DIRECTION-DEGREES
  180
TYPE OF WEATHER CONDITIONS
  VFR
REMARKS- GUSTING TO 20K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2490	9/3/79 TIME - 1645	EDINBORO,PA	AERONCA 7AC NR3122 DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 62 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FRANKLIN CENTER
DEPARTURE POINT: EDINBORO,PA — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT / PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — TAKEOFF INITIAL CLIMB
STALL — LANDING OTHER

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ENG FAILED AFT TKOF.PLT ATTMPTD TURN BACK TOWARD ARPT & STALLED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2685	10/30/79 TIME - 1500	CONNELLSVILLE,PA	CESSNA TR-182 N7188C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	PRIVATE, AGE 30, 335 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CONNELLSVILLE
DEPARTURE POINT: DAYTON,OH — INTENDED DESTINATION: WILLIAMSPORT,PA
TYPE OF ACCIDENT / PHASE OF OPERATION
WHEELS-UP — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - SCORED
REMARKS- RMG UNABLE TO LOCK DOWN DUE TO INTERNAL SCORING OF HYDRAULIC ACTUATOR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2495	9/8/79 TIME - 1600	RIDGELAND,SC	PIPER PA-16 N5343H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 46, 153 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RIDGELAND
DEPARTURE POINT: HILTON HEAD,SC — INTENDED DESTINATION: RIDGELAND,SC
TYPE OF ACCIDENT / PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — LANDING ROLL
COLLIDED WITH DITCHES — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
REMARKS- STUDENT PILOT CERTIFICATE HAD EXPIRED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2693	7/10/79 TIME - 2000	SIOUX FALLS,SD	RAVEN RX-6 N18828 DAMAGE-NONE	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 54, 11000 TOTAL HOURS, 33 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
SIOUX FALLS,SD
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - OTHER
WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST

SKY CONDITION
BROKEN
CEILING AT ACCIDENT SITE
3000
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
WIND DIRECTION-DEGREES
80
WIND VELOCITY-KNOTS
33
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- WX RECEIVED FROM NAT WX SVS.METHOD UNK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2695	8/14/79 TIME - 2000	ASHTON,SD	CESSNA 188B N731CS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 66, 25870 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ASHTON,SD
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
REMARKS- VISION PROBLEM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2692	10/14/79 TIME - 1150	STURGIS,SD	ERCO 415-C N2200H DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 50, 298 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STURGIS MUNICIPAL
DEPARTURE POINT: STURGIS,SD
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH DIRT BANK
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED W ROAD EMBANKMENT DRG FORCED LNDG.LAST ANNUAL INSP-8/4/76.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2694	10/20/79 TIME - 1300	ABERDEEN,SD	VARIEZE RATAN N7WC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 283 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ABERDEEN MUN.
DEPARTURE POINT: SIOUX FALLS, SD
INTENDED DESTINATION: ABERDEEN,SD
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING TRAFFIC PATTERN-CIRCLING
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- RETRACTABLE NOSE GR.FIXED MAIN GR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2643	10/21/79 TIME - 0600	REDFIELD,SD	AMER AVCO AA-1A * N924RL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 305 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - REDFIELD AIRPORT
TYPE OF ACCIDENT
  COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
  TAXI OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION
REMARKS- SLEPT IN PLANE AT RAMP OVERNIGHT.AWOKE THINKING ENG QUIT IN FLT.STARTED ENG.HIT N7507S.SUBST DMG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2667	7/15/79 TIME - 1020	CLARKSVILLE,TN	BEECH T-34 N5567V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 27, 1360 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OUTLAW FIELD
DEPARTURE POINT — INTENDED DESTINATION
CLARKSVILLE,TN — SPRINGFIELD,TN
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH AIRCRAFT BOTH IN FLIGHT — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - UNICOM — TRAFFIC ADVISORY ISSUED - NONE
CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT — HORIZONTAL COLLISION ANGLE-DEGREES - 110
VERTICAL COLLISION ANGLE-DEGREES - 0 — EVASIVE ACTION TAKEN - YES
REMARKS- TREES OBSCURED APPROACH ENDS OF INTERSECTING R/W.NO CALLS HEARD ON UNICOM FROM N55674.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2667	7/15/79 TIME - 1020	CLARKSVILLE,TN	CESSNA 402 N40090 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2 OT- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 29, 3719 TOTAL HOURS, 16 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OUTLAW FIELD
DEPARTURE POINT — INTENDED DESTINATION
CLARKSVILLE,TN — ALTON,IL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH AIRCRAFT BOTH IN FLIGHT — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - UNICOM — TRAFFIC ADVISORY ISSUED - OTHER
CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT — HORIZONTAL COLLISION ANGLE-DEGREES - 110
VERTICAL COLLISION ANGLE-DEGREES - 0 — EVASIVE ACTION TAKEN - NO
REMARKS- TREES OBSCURED APPROACH ENDS OF INTERSECTING R/W

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                              PILOT DATA
                                                                F  S M/N      PURPOSE

3-2666  8/19/79    FAYETTEVILLE,TN       BENSON RRM           CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 42, 585
        TIME - 1630                      N86531               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 15 IN TYPE,
                                         DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - FAYETTEVILLE MUNI
        DEPARTURE POINT               INTENDED DESTINATION
          FAYETTEVILLE,TN               LOCAL
        TYPE OF ACCIDENT
          COLLIDED WITH  WIRES/POLES                                 PHASE OF OPERATION
                                                                       IN FLIGHT  NORMAL CRUISE
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        REMARKS- GYROCOPTER OBSERVED FLYING SOUTHEAST FM ARPT AT 100 TO 300FT.

3-2625  4/13/79  NR.CROWELL,TX           BELLANCA 7GCHC       CR-  2  0  0  NONCOMMERCIAL              PRIVATE, AGE 46, 269
        TIME - 1920                      N36338               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 10 IN TYPE,
                                         DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
         CROWELL,TX                     LOCAL
        TYPE OF ACCIDENT
          COLLISION WITH GROUND/WATER  CONTROLLED                    PHASE OF OPERATION
                                                                       IN FLIGHT  LOW PASS
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
          COPILOT - MISJUDGED ALTITUDE AND CLEARANCE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        MISSING AIRCRAFT - LATER RECOVERED
        REMARKS- PLT AT CONTROLS UNK.RECOVERY DATE 4/18/79.

3-2620  4/26/79  NR.SABINE PASS,TX       AEROSPATILE SA365C   CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 33, 4304
        TIME - 1600                      N90049               PX-  0  1  7  AIR TAXI-PASSG             TOTAL HOURS, 58 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - JEFFERSON COUNTY
        DEPARTURE POINT               INTENDED DESTINATION
          SABINE PASS,TX                GULF OF MEXICO
        TYPE OF ACCIDENT
          PROPELLER/ROTOR FAILURE  TAIL ROTOR                        PHASE OF OPERATION
          HARD LANDING                                                 IN FLIGHT  NORMAL CRUISE
                                                                       LANDING  POWER-ON LANDING
        PROBABLE CAUSE(S)
          PERSONNEL - PRODUCTION-DESIGN-PERSONNEL  POOR/INADEQUATE DESIGN
          ROTORCRAFT - ROTOR ASSEMBLIES  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
          PILOT IN COMMAND - MISJUDGED ALTITUDE
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  DIRECTIONAL CONTROL PROBLEM
                                  SUSPECTED OR KNOWN AIRCRAFT DAMAGE
        REMARKS- FENESTRON GEARBOX SUPPORT RING FAILED.EMERG PROC FOR LOSS OF YAW CNTL ON SKID EQPD ACFT NOT PRVDD.
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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                         PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2560  5/6/79     HOUSTON,TX            BELL 206B          CR-  0  0  1  NONCOMMERCIAL              CERTIFICATE UNKNOWN, AGE
        TIME - 1730                      N2HJ               PX-  0  1  2  CORP/EXEC                  35, 9500 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                          UNK/NR IN TYPE, NOT
        DEPARTURE POINT              INTENDED DESTINATION                                            INSTRUMENT RATED.
          HOUSTON,TX                   LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                  TAXI  AERIAL TAXI, OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - LEFT AIRCRAFT UNATTENDED, ENGINE RUNNING
          MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT
        REMARKS- PLT DEPLANED TO MOVE ANOTHER HELO,THEN OBSERVED THIS HELO APRX 35FT IN THE AIR.


3-2549  7/13/79    VICTORIA,TX           ENSTROM F-28C      CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 48, 1126
        TIME - 1830                      N51774             PX-  0  0  0  PRACTICE                   TOTAL HOURS, 29 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          VICTORIA,TX                  LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  HOVERING
          COLLIDED WITH  TREES                                       LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
          TERRAIN - HIGH OBSTRUCTIONS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- COLLIDED W TREE & FENCE DURING FORCED LNDG.


3-2547  8/12/79    CLEBURNE,TX           CESSNA 177         CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 46, 350
        TIME - 1601                      N11408             PX-  0  1  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 10 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CLEBURNE MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          CLEBURNE,TX                  HOUSTON,TX
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  CLIMB TO CRUISE
          STALL  MUSH                                                LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  VENTS,DRAINS,TANK CAPS
          MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
          MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
        FACTOR(S)
          TERRAIN - OTHER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- AVOIDING HOUSE & BARN.
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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2562	8/12/79 TIME - 2045	ODESSA,TX	FRCO 415-C N99271 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 0 1 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 35, 56 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SCHLEMEYER FIELD
DEPARTURE POINT: ODESSA,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION: STATIC IDLING ENGINE(S)
PROBABLE CAUSE(S): PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER
REMARKS- PILOT'S FRIEND(THAT WAS WAITING AT AIRPORT)WALKED INTO ROTATING PROP DRG ENG SHUTDWN AT NITE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2552	8/18/79 TIME - 1630	HOUSTON,TX	BELL 206B N7111J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 31, 2228 TOTAL HOURS, 745 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: HOUSTON,TX
INTENDED DESTINATION: GALVESTON,TX
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: TAXI AERIAL TAXI TO TAKEOFF
PROBABLE CAUSE(S): PILOT IN COMMAND - MISJUDGED CLEARANCE
REMARKS- TAIL ROTOR STRUCK WIRE DRG HOVER TAXI UNDER WIRE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2543	8/23/79 TIME - 0945	FORT WORTH,TX	CESSNA 152 N5139B DAMAGE-MINOR	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 20, 17 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEACHAM
DEPARTURE POINT: FORT WORTH,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION: STATIC IDLING ENGINE(S)
PROBABLE CAUSE(S): PILOT IN COMMAND - EXERCISED POOR JUDGMENT
REMARKS- PLT'S RGT HAND SEVERED WHILE REMOVING CHOCK FROM NOSE WHEEL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2548	8/24/79 TIME - 0930	NR.ALICE.TX	BELL 47G-4A N8573F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL OTHER	COMMERCIAL, AGE 28, 3410 TOTAL HOURS, 3358 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ALICE.TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE TAIL ROTOR
HARD LANDING
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM TAIL ROTOR GEAR BOX
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- TAIL ROTOR GEAR BOX.PINION SHAFT THRUST BEARING FAILED DRG ROUND-UP.AUTOROTATION AFTR CLRNG TREES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2567	8/24/79 TIME - 0915	NR.ADRIAN.TX	CESSNA 188 N2538J DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 25, 1421 TOTAL HOURS, 92 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ADRIAN.TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
REMARKS- PLT STATED-STARTED SNEEZING.COULDN'T SEE & FLEW INTO GND.WHILE AT LOW ALT SEARCHING FOR HIREDHAND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2565	8/28/79 TIME - 1900	NR.WALL.TX	PIPER PA-24 N6598P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 28, 490 TOTAL HOURS, 260 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ODESSA.TX
INTENDED DESTINATION
SAN ANGELO.TX
LAST ENROUTE STOP
KILLEEN.TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                             F  S M/N      PURPOSE

3-2558 9/2/79     HOUSTON,TX           CHAMPION 7ECA        CR-  0  0  1  MISCELLANEOUS                  PRIVATE, AGE 29, 182
       TIME - 1830                     N7586F               PX-  0  0  1  DEMONSTRATION                  TOTAL HOURS, 88 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - WHITE OAK
       DEPARTURE POINT               INTENDED DESTINATION
         HOUSTON,TX                   LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  OBJECT                                    LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
       REMARKS- COLLIDED W BRUSH.


3-2541 9/3/79      LAREDO,TX           BEECH 65-90          CR-  0  0  2  MISCELLANEOUS                  AIRLINE TRANSPORT, AGE
       TIME - 1712                     N332K                PX-  0  0  0  TEST                           33, 6000 TOTAL HOURS, 400
                                       DAMAGE-SUBSTANTIAL                                                 IN TYPE, INSTRUMENT
       NAME OF AIRPORT - LAREDO INTL                                                                      RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         LAREDO,TX                    LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  CLIMB TO CRUISE
         WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2555 9/8/79   NR.SUNSET,TX           PIPER PA-38          CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 22, 113
       TIME - 1745                     N24147               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 54 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         FT.WORTH,TX                  BOWIE,TX
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            LANDING  FINAL APPROACH
         GEAR COLLAPSED                                           LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
       FACTOR(S)
         TERRAIN - WET,SOFT GROUND
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- ACFT DMG DRG LNDG ROLL-OUT IN PLOWED FLD.CARB ON THIS ENG NOT EQUIPPED W ACCELERATION PUMP.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2550	9/10/79 TIME - 1000	CORSICANA,TX	CESSNA 152 N25281 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 30, 24 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CORSICANA MUNI
DEPARTURE POINT — INTENDED DESTINATION
CORSICANA,TX — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
GROUND-WATER LOOP-SWERVE — TAKEOFF RUN
COLLIDED WITH DITCHES — TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- DITCH NEAR RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2568	9/10/79 TIME - 1945	WICHITA FALLS,TX	PIPER PA-28R N39021 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 250 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHEPPARD AFB
DEPARTURE POINT — INTENDED DESTINATION
WICHITA FALLS,TX — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — TAKEOFF INITIAL CLIMB
STALL MUSH — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- 2 FUEL INJECTION DISCHARGE NOZZLES PARTIALLY BLOCKED & FUEL INJECTOR SET RICH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2553	9/14/79 TIME - 1420	NR.CONROE,TX	CESSNA 170B N4922 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, 13150 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
TOMBALL,TX — CONROE,TX
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT NORMAL CRUISE
COLLIDED WITH DITCHES — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2544	9/15/79 TIME - 0750	LA GRANGE,TX	BOEING A75N1 N59742 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 714 TOTAL HOURS, 396 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GUERTHER FIELD
DEPARTURE POINT — LA GRANGE,TX
INTENDED DESTINATION — HOUSTON,TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PIECE OF CLOTH FOUND IN INTAKE ASSEMBLY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2566	9/16/79 TIME - 1445	PORTLAND,TX	PIPER PA-28R N9305N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 46, 969 TOTAL HOURS, 43 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HUNT
DEPARTURE POINT — PORTLAND,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — RIGHT CROSS WIND 068-112 DEGREES
TEMPERATURE-F — 88
WIND DIRECTION-DEGREES — 40
WIND VELOCITY-KNOTS — 13
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTING 28K.TOUCHED DOWN IN PLOWED FLD NEXT TO RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2557	9/18/79 TIME - 1730	HENRIETTA,TX	CESSNA 188 N9869V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 40, 12000 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HENRIETTA
DEPARTURE POINT
HENRIETTA,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (OWNER PERSONNEL)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 4000
KIND OF CROP - PASTURE
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - OTHER
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
REMARKS- WORN BRAKE LININGS CAUSED PISTONS TO EXTEND UNTIL BRAKE FLUID LEAKED OUT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2551	9/22/79 TIME - 1015	MANSFIELD,TX	FIREFLY 7 N40391 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 29, 20 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MANSFIELD,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
FIRE AFTER IMPACT
REMARKS- COLLIDED WITH PWR LINES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2554	9/27/79 TIME - 0220	DALLAS,TX	BEECH D55 N8443N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 22, 1834 TOTAL HOURS, 571 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - REDBIRD
DEPARTURE POINT
DALLAS,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
WHEELS-UP
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2546	10/1/79 TIME - 1530	AUSTIN,TX	PIPER PA-12 N2738M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 21, 300 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAKEWAY
DEPARTURE POINT
AUSTIN,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2622	10/5/79 TIME - 1643	HOUSTON,TX	HUGHES 369D N58193 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 1203 TOTAL HOURS, 486 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HOUSTON,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
ROLL OVER
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2539	10/6/79 TIME - 1800	NR.BIG SPRING,TX	BELLANCA 7KCAB N8647 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 46, 20000 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — BIG SPRING,TX
INTENDED DESTINATION — HOLLIS,OK
TYPE OF ACCIDENT
  AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
  AIRFRAME - FUSELAGE WINDSHIELDS,WINDOWS,CANOPIES
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  MISCELLANEOUS ACTS,CONDITIONS - PREVIOUS DAMAGE
REMARKS- WINDSHIELD(PN 7-1264)FAILED DRG FLT.3 HOLES IN WINDSHIELD WHERE PREVIOUS CRACKS STOPDRILLED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2556	10/9/79 TIME - 1646	DALLAS,TX	HUGHES 369D N8611F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS POLICE PATROL	COMMERCIAL, FL.INSTR., AGE 32, 2830 TOTAL HOURS, 378 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — DALLAS,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  HARD LANDING
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
  PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE
FACTOR(S)
  POWERPLANT - POWERPLANT-INSTRUMENTS OTHER
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LOW LEVEL FUEL WARNING SYS INOP DUE TO FAILURE OF DIODE, PN 2N3638.

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                        PILOT DATA
                                                            F  S M/N     PURPOSE

3-2563 10/12/79   NOCONA,TX            BEECH 58P            CR-  0  0  1 NONCOMMERCIAL                COMMERCIAL, AGE 32, 2800
       TIME - 1430                     N717AH               PX-  0  0  2 PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 50 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - NOCONA MUNICIPAL
       DEPARTURE POINT               INTENDED DESTINATION
         OKLAHOMA CITY,OK              WACO,TX
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         FIRE OR EXPLOSION  IN FLIGHT                             IN FLIGHT  NORMAL CRUISE
         WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         SYSTEMS - ELECTRICAL SYSTEM  REGULATOR
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         SYSTEMS - ELECTRICAL SYSTEM  BATTERIES
         MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED
         PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
       FACTOR(S)
         MISCELLANEOUS - SMOKE IN COCKPIT
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
       EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                 SMOKE IN COCKPIT
       REMARKS- RGT GENERATOR VOLTAGE REGULATOR MALFUNCTIONED & BATTERY OVERHEATED.


3-2559 10/12/79   STANTON,TX           CESSNA A188B         CR-  0  0  1 COMMERCIAL                   COMMERCIAL, AGE 44, 8000
       TIME - 1330                     N53200               PX-  0  0  0 ASSOC CROP CTL ACTIVITY     TOTAL HOURS, 120 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - STANTON
       DEPARTURE POINT               INTENDED DESTINATION
         STANTON,TX                    LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         STALL  MUSH                                              TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         WEATHER - HIGH DENSITY ALTITUDE

       SKY CONDITION                                            CEILING AT ACCIDENT SITE
         CLEAR                                                    UNLIMITED
       VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                     NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  RELATIVE BEARING OF WIND
         SMOKE                                                    LIGHT AND VARIABLE
       TEMPERATURE-F                                            WIND DIRECTION-DEGREES
         90                                                       280
       WIND VELOCITY-KNOTS                                      TYPE OF WEATHER CONDITIONS
         5                                                        VFR
       TYPE OF FLIGHT PLAN
         NONE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2538	10/12/79 TIME - 1515	COLD SPRING,TX	GRUM-AMER AA-5A N9983U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 149 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  ANAHUAC,TX
INTENDED DESTINATION
  HUNTSVILLE,TX
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- #4 CYL EXH VALVE HEAD SEPARATED FROM STEM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2522	10/14/79 TIME - 1640	CYPRESS,TX	DEHAVILLAND DH-82A N7404 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 44, 1109 TOTAL HOURS, 277 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WEISER AIRPARK
DEPARTURE POINT
  CONROE,TX
INTENDED DESTINATION
  CYPRESS,TX
TYPE OF ACCIDENT
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
  MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
REMARKS- EYE ON RGT AXLE ASSEMBLY FAILED(WHERE COMPRESSION STRUT WAS ATTACHED).

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FILE    DATE          LOCATION              AIRCRAFT DATA         INJURIES     FLIGHT                        PILOT DATA
                                                                   F  S M/N    PURPOSE
3-2561  10/20/79   KILGORE,TX               AERONCA 7AC         CR-  0  0  2  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
        TIME - 1110                         N85703              PX-  0  0  0  DUAL                       AGE 26, 755 TOTAL HOURS,
                                            DAMAGE-SUBSTANTIAL                                           214 IN TYPE, INSTRUMENT
        NAME OF AIRPORT - KILGORE COMMUNITY                                                              RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          KILGORE,TX                    LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  TREES                                        LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          DUAL STUDENT - IMPROPER COMPENSATION FOR WIND CONDITIONS
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          CLEAR                                                       UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                        NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     WIND VELOCITY-KNOTS
          NONE                                                        15
        TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
          VFR                                                         NONE

3-2623  10/23/79   SONORA,TX                CESSNA 182          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 20, 184
        TIME - 2120                         N9018X              PX-  3  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 114 IN TYPE,
                                            DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SONORA
        DEPARTURE POINT               INTENDED DESTINATION
          SONORA,TX                     SAN ANGELO,TX
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                     IN FLIGHT  CLIMB TO CRUISE

        PROBABLE CAUSE(S)
          PILOT-FAILED TO MAINTAIN POSITIVE RATE OF CLIMB
        FACTOR(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
        REMARKS- DEPARTURE AREA UNLIGHTED,DARK NIGHT.
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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                      PILOT DATA
                                                              F  S M/N      PURPOSE

3-2564 10/26/79 NR.ABILENE,TX           PIPER PA-25          CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 41, 1501
       TIME - 1730                      N8576L               PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 500 IN TYPE.
                                        DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        ABILENE,TX                     LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE  PROPELLER                         IN FLIGHT  RETURN TO STRIP
         COLLIDED WITH  FENCE,FENCEPOSTS                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
         POWERPLANT - PROPELLER AND ACCESSORIES  HYDRAULIC PITCH CONTROL MECHANISM
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
       EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                 PROP/ENGINE VIBRATION

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - DEFOLIATION (LIQUID)
         KIND OF CROP - COTTON                                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - USED
         GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                  TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  1650
       REMARKS- 4 PROP BOLTS SEPARATED & OIL SPLASHED ON WINDSHIELD.WING STRUCK 4 FT POLE DRG PRECAUTIONARY LNDG.

3-2545 10/26/79   FORT WORTH,TX         CESSNA 177RG         CR-  0  0  2  INSTRUCTIONAL              COMMERCIAL, FL.INSTR.,
       TIME - 1530                      N21FB                PX-  0  0  0  DUAL                       AGE 23, 914 TOTAL HOURS.
                                        DAMAGE-SUBSTANTIAL                                            130 IN TYPE, INSTRUMENT
                                                                                                      RATED.
       NAME OF AIRPORT - MEACHAM
       DEPARTURE POINT               INTENDED DESTINATION
         FORT WORTH,TX                 LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         WHEELS-UP                                                  LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
         SYSTEMS - HYDRAULIC SYSTEM  SEALS
         MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
       REMARKS- HYD LEAK FOUND IN NOSE GEAR ACTUATOR,O-RING SEAL.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2624	11/1/79 TIME - 1717	LUBBOCK,TX	CESSNA U206D N71967 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-U	AIRLINE TRANSPORT, AGE 57, 13262 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LUBBOCK REGIONAL
DEPARTURE POINT — LUBBOCK,TX
INTENDED DESTINATION — FORT WORTH,TX
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
  GEAR COLLAPSED

PHASE OF OPERATION
  TAKEOFF ABORTED
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2621	11/1/79 TIME - 1615	CRYSTAL CITY,TX	BOEING B75N1 N75939 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 50, 12000 TOTAL HOURS, 5000 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — CRYSTAL CITY,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS

PHASE OF OPERATION
  IN FLIGHT CLEANUP SWATH
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE OTHER
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 5000
  KIND OF CROP - SPINACH
  PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
  GOGGLES - USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - FORWARD OF PILOT
  ELEVATION-AREA BEING TREATED-FEET - 620
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
  GLOVES - NOT USED
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- CAM GEAR FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2542	11/2/79 TIME - 1430	DALHART,TX	BEECH A23 N7925L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 274 TOTAL HOURS, 141 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DALHART MUNICIPAL
DEPARTURE POINT: AMARILLO,TX
INTENDED DESTINATION: COLORADO SPRINGS,CO
LAST ENROUTE STOP: DALHART,TX
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
  PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2619	11/3/79 TIME - 1900	SILSBEE,TX	BEECH E35 N4270B DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 3 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 431 TOTAL HOURS, 48 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HAWTHORNE
DEPARTURE POINT: KENNETT,MO
INTENDED DESTINATION: HOUSTON,TX
LAST ENROUTE STOP: LUFKIN,TX
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- EXHAUST VALVE GUIDE,PN A31496,FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2540	11/7/79 TIME - 1400	ROANOKE,TX	CESSNA 182 N2309G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 36, 45 TOTAL HOURS, 28 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - AERO VALLEY
DEPARTURE POINT: ARLINGTON,TX
INTENDED DESTINATION: ROANOKE,TX
TYPE OF ACCIDENT
  HARD LANDING
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2614	2/17/79 TIME - 1330	NR.LOGAN,UT	PIPER PA-28 N4737R DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 0 0 OT- 0 0 3	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 23, 501 TOTAL HOURS, 35 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CACHE-LOGAN
DEPARTURE POINT — INTENDED DESTINATION
LOGAN,UT — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH AIRCRAFT BOTH IN FLIGHT — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
DUAL STUDENT - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - NO CONTROL
TRAFFIC ADVISORY ISSUED - NONE
CONTROL ZONE/AREA - NO
HORIZONTAL COLLISION ANGLE-DEGREES - 0
EVASIVE ACTION TAKEN - NO
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
CONVERGENCE ANGLE-DEGREES - 0
VERTICAL COLLISION ANGLE-DEGREES - 2
ANTI-COLLISION LIGHTS - OPERATING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2614	2/17/79 TIME - 1330	NR.LOGAN,UT	PIPER PA-28 N3893M DAMAGE-MINOR	CR- 0 0 2 PX- 0 0 1 OT- 1 1 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 45, 4856 TOTAL HOURS, 105 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CACHE-LOGAN
DEPARTURE POINT — INTENDED DESTINATION
LOGAN,UT — LOCAL
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH AIRCRAFT BOTH IN FLIGHT — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
DUAL STUDENT - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - NO CONTROL
TRAFFIC ADVISORY ISSUED - NONE
CONTROL ZONE/AREA - NO
HORIZONTAL COLLISION ANGLE-DEGREES - 0
EVASIVE ACTION TAKEN - NO
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
CONVERGENCE ANGLE-DEGREES - 0
VERTICAL COLLISION ANGLE-DEGREES - 2
ANTI-COLLISION LIGHTS - OPERATING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2613	8/28/79 TIME - 1600	OAKLEY,UT	CESSNA 150 N2469J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 42, 300 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
BRIGHAM,UT
INTENDED DESTINATION
EVANSTON,WY.
LAST ENROUTE STOP
HEBER CITY,UT
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
FACTOR(S)
MISCELLANEOUS - SMOKE IN COCKPIT
MISCELLANEOUS ACTS,CONDITIONS - FIRE OF UNDETERMINED ORIGIN
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
SMOKE IN COCKPIT

FIRE AFTER IMPACT
REMARKS- AIRCRAFT MANEUVERED TO AVOID A FENCE. STUDENT PILOT WITHOUT PROPER OR UP TO DATE ENDORSEMENTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2646	9/8/79 TIME - 1505	WARRENTON,VA	PIPER PA-18 N8228P DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 58, 5500 TOTAL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WARRENTON AIR PK.
DEPARTURE POINT
WARRENTON,VA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISJUDGED DISTANCE
FACTOR(S)
TERRAIN - WET,SOFT GROUND
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
REMARKS- PIC ATTMPTD TO FLY OVR TREELINE DURING T/O WITH GLIDER IN TOW INSTD OF CHNGING HDG TO CLEAR OBST.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2493	9/26/79 TIME - 1604	CHESTERFIELD,VA	PIPER PA-38 N4433E DAMAGE-DESTROYED	CR- 1 1 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 36, 798 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHESTERFIELD
DEPARTURE POINT
CHESTERFIELD,VA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL SPIN
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES         FLIGHT                          PILOT DATA
                                                              F  S M/N        PURPOSE

3-2529 1/22/79  NR.ABERDEEN,WA          HUGHES 369HS        CR-  0  0  1   COMMERCIAL                  AIRLINE TRANSPORT, AGE
       TIME - 0800                      N9256F              PX-  0  0  3   CONSTRUCTION                45, 10202 TOTAL HOURS, 51
                                        DAMAGE-SUBSTANTIAL                                             IN TYPE, NOT INSTRUMENT
       DEPARTURE POINT               INTENDED DESTINATION                                              RATED.
        ABERDEEN,WA                    LOCAL
       TYPE OF ACCIDENT
         ENGINE FAILURE OR MALFUNCTION                           PHASE OF OPERATION
         HARD LANDING                                              TAKEOFF  VERTICAL
                                                                   LANDING  POWER-OFF AUTOROTATIVE LANDING
       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- M/R BLADES HIT TAIL BOOM DRG LNDG.PLT STATED-ACFT LOST PWR AFTER TKOF AT APRX 200FT AGL.

3-2504 6/3/79   NR.PORT ANGELES,WA      CESSNA 140          CR-  0  0  1   NONCOMMERCIAL               PRIVATE, AGE 28, 270
       TIME - 1800                      N2356V              PX-  0  0  1   PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 150 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        MAPLE VALLEY,WA                PORT ANGELES,WA
       TYPE OF ACCIDENT
         ENGINE FAILURE OR MALFUNCTION                           PHASE OF OPERATION
         NOSE OVER/DOWN                                            IN FLIGHT  NORMAL CRUISE
                                                                   LANDING  LEVEL OFF/TOUCHDOWN
       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
       REMARKS- PILOT SUSPECTED ENGINE OIL EXHAUSTION.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2608	6/6/79 TIME - 1100	COLVILLE,WA	WEATHERLY 201A N2933W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, 2750 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - COLVILLE
DEPARTURE POINT — CHEWELAH,WA
INTENDED DESTINATION — COLVILLE,WA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED

PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 750
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1100
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- HIT HOLE 75 FT OFF RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2665	6/7/79 TIME - 2050	WENATCHEE,WA	CESSNA 402 N45490 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 31, 2700 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PANGBORN FIELD
DEPARTURE POINT — SEATTLE,WA
INTENDED DESTINATION — WENATCHEE,WA
TYPE OF ACCIDENT
FIRE OR EXPLOSION IN FLIGHT

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM LINES AND FITTINGS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
REMARKS- FIRE IN L ENG,LNDD WITHOUT FURTHER INCIDENT.HOLE FOUND IN BRAIDED FLEX FUEL LINE-UNDET ORIGIN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2446	6/9/79 TIME - 1308	VANCOUVER,WA	PIPER PA-22 N8540C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 843 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLARK COUNTY
DEPARTURE POINT — VANCOUVER,WA
INTENDED DESTINATION — CHESTER,CA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  HARD LANDING
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- TREES,PWR LINES & HOUSES IN AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2450	7/11/79 TIME - 1500	EVERETT,WA	NAVION L-17 N4755C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 1638 TOTAL HOURS, 129 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PAINE
DEPARTURE POINT — EVERETT,WA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  WHEELS-UP
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
  MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- TOOK OFF ON EMPTY TANK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2444	7/11/79 TIME - 0045	VANCOUVER,WA	CESSNA 182 N735WR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 174 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PEARSON AIRPARK
DEPARTURE POINT
VANCOUVER,WA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2447	8/2/79 TIME - 1445	GOLDENDALE,WA	TAILWIND W-8 N1416 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER	PRIVATE, AGE 32, 557 TOTAL HOURS, 248 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
THE DALLES,OR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
NOSE OVER/DOWN

PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - WET,SOFT GROUND
REMARKS- SEARCHING FOR LOST DOG.

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FILE    DATE          LOCATION          AIRCRAFT DATA         INJURIES       FLIGHT                          PILOT DATA
                                                              F  S M/N       PURPOSE

3-2457  8/4/79      AUBURN,WA          CESSNA 180            CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 58, 3200
        TIME - 1300                    N6014B                PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 59 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - AUBURN
        DEPARTURE POINT            INTENDED DESTINATION
          AUBURN,WA                  LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
          GEAR COLLAPSED                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          CLEAR                                                       UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                        NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     RELATIVE BEARING OF WIND
          NONE                                                        LEFT CROSS WIND 248-292 DEGREES
        WIND DIRECTION-DEGREES                                      WIND VELOCITY-KNOTS
          270                                                         10
        TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
          VFR                                                         NONE
        REMARKS- GUSTING TO 15K.


3-2452  8/4/79      FEDERAL WAY,WA     BELLANCA 14-13        CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 53, 163
        TIME - 1850                    N74353                PX-  0  0  1  PRACTICE                      TOTAL HOURS, ALL IN TYPE.
                                       DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - EVERGREEN
        DEPARTURE POINT            INTENDED DESTINATION
          CAMAS,WA                   FEDERAL WAY,WA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
          COLLIDED WITH  FENCE,FENCEPOSTS                             LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIGH VEGETATION
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
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FILE    DATE           LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                               F  S M/N    PURPOSE

3-2604  8/11/79     BURTON,WA            BEECH B24R           CR-  0  0  1  NONCOMMERCIAL                 COMMERCIAL, AGE 40, 674
        TIME - 1450                      N4348W               PX-  0  0  3  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 3 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - WAX ORCHARDS
        DEPARTURE POINT              INTENDED DESTINATION
          BURTON,WA                    SEATTLE,WA
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  TREES                                    TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
        REMARKS- UPSLOPE RWY. L STAB HIT RWY MARKER AT END OF RWY & SEPARATED.COMPUTED TKOF DIST 1882FT.


3-2672  8/22/79     VANCOUVER,WA         MAULE M-4            CR-  0  0  1  MISCELLANEOUS                 AIRLINE TRANSPORT, AGE
        TIME - 1600                      N40332               PX-  0  0  1  TEST                          57, 12900 TOTAL HOURS, 22
                                           DAMAGE-SUBSTANTIAL                                             IN TYPE, NOT INSTRUMENT
                                                                                                          RATED.
        NAME OF AIRPORT - PEARSON AIRPARK
        DEPARTURE POINT              INTENDED DESTINATION
          VANCOUVER,WA                 LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                           LANDING  FINAL APPROACH
          COLLIDED WITH  DIRT BANK                                LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - FUEL SYSTEM  PUMPS
          MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE PRESSURE
          MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- TEST FLIGHT FOR ENG STC.WITH BOTH PRIMARY & AUX FUEL PUMPS OPERATING FUEL LEAKED FM MAIN JET.


3-2673  8/29/79     OTHELLO,WA           LEAR JET 23          CR-  0  0  2  COMMERCIAL                    ATP,FLIGHT INSTR., AGE
        TIME - 1108                      N6GJ                 PX-  0  0  0  AIR TAXI-PASSG                28, 4503 TOTAL HOURS, 873
                                           DAMAGE-SUBSTANTIAL                                             IN TYPE, INSTRUMENT
                                                                                                          RATED.
        NAME OF AIRPORT - TAGGARES
        DEPARTURE POINT              INTENDED DESTINATION
          MONTEREY,CA                  OTHELLO,WA
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                   LANDING  ROLL

        PROBABLE CAUSE(S)
          DUAL STUDENT - MISJUDGED CLEARANCE
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
        REMARKS- LND TO LEFT OF RWY,DMGD NOSE GR TRUNNION DURING RET TO RWY.
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FILE   DATE        LOCATION              AIRCRAFT DATA        INJURIES     FLIGHT                        PILOT DATA
                                                               F  S M/N    PURPOSE

3-2674 9/6/79  NR.ARLINGTON,WA          HILLER FH1100      CR-  0  1  0  COMMERCIAL                COMMERCIAL, AGE 28, 991
       TIME - 1645                       N377FH             PX-  0  0  0  ASSOC CROP CTL ACTIVITY   TOTAL HOURS, 69 IN TYPE,
                                         DAMAGE-DESTROYED                                          INSTRUMENT RATED.
       DEPARTURE POINT                  INTENDED DESTINATION
        ARLINGTON,WA                     ARLINGTON,WA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  TREES                                    IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL -  150                   KIND OF OPERATION - SPRAYING TOWNS
         KIND OF CROP - FOREST-TREES                          TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - FAILED ON IMPACT                 GLOVES - USED
         GOGGLES - NOT USED                                   CRASH HELMET - AVAILABLE USED
         COCKPIT CRASHPAD - NOT INSTALLED                     CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - BELLY                         TERRAIN-TYPE - HILLY
         ELEVATION-AREA BEING TREATED-FEET -  700                             DENSE WITH TREES


3-2675 9/7/79  NR.BELLINGHAM,WA         BEECH D35          CR-  0  1  0  NONCOMMERCIAL             PRIVATE, AGE 54, 423
       TIME - 1608                       N249D              PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 146 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                        NOT INSTRUMENT RATED.
       DEPARTURE POINT                  INTENDED DESTINATION
        BELLINGHAM,WA                    MISSOULA,MT
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE  PROPELLER                      IN FLIGHT  NORMAL CRUISE
         WHEELS-UP                                               LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - PROPELLER AND ACCESSORIES  BLADE RETENTION MECHANISM
         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
         MISCELLANEOUS ACTS,CONDITIONS - BINDING
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- TWO BLADE LOCKS FAILED.UNCONTROL PROP. PLT UNABLE TO REACH ARPT. BLADES SEPARATED JUST BEFORE LNDG
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2459	9/8/79 TIME - 1130	LOPEZ ISLAND,WA	PIPER PA-28 N75177 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 222 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LOPEZ ISLAND
DEPARTURE POINT — LOPEZ ISLAND,WA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES — 120
WIND VELOCITY-KNOTS — 10
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTING 30KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2454	9/14/79 TIME - 1755	FRIDAY HARBOR,WA	GRUM-AMER AA-5A N26832 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 148 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FRIDAY HARBOR
DEPARTURE POINT — ORCHAS ISLAND,WA
INTENDED DESTINATION — FRIDAY HARBOR,WA
TYPE OF ACCIDENT — UNDERSHOOT; COLLIDED WITH TREES
PHASE OF OPERATION — LANDING FINAL APPROACH; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT

BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                             PILOT DATA
                                                             F  S M/N     PURPOSE

3-2455 9/15/79     RENTON,WA           HUGHES 269B          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 49, 1724
       TIME - 1920                     N9355K               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 237 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LONGACRES
       DEPARTURE POINT               INTENDED DESTINATION
         SEATTLE,WA                    RENTON,WA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           LANDING  POWER-OFF AUTOROTATIVE LANDING
         HARD LANDING                                            LANDING  POWER-OFF AUTOROTATIVE LANDING

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
         PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2528 9/16/79     ROCHESTER,WA        CESSNA 152           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 40, 90 TOTAL
       TIME - 1630                     N68267               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   HOURS, 66 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       NAME OF AIRPORT - R & K SKYRANCH
       DEPARTURE POINT               INTENDED DESTINATION
         ROCHESTER,WA                  OLYMPIA,WA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLIDED WITH  FENCE,FENCEPOSTS                         TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       FACTOR(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         TERRAIN - HIGH OBSTRUCTIONS


3-2456 9/18/79     SPANAWAY,WA         CESSNA 172           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 21, 80 TOTAL
       TIME - 1000                     N73524               PX-  0  0  3  PLEASURE/PERSONAL TRANSP   HOURS, 7 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       NAME OF AIRPORT - SPANAWAY
       DEPARTURE POINT               INTENDED DESTINATION
         SEATTLE,WA                    SPANAWAY,WA
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         OVERSHOOT                                               LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  FENCE,FENCEPOSTS                         LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
         PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
       REMARKS- PLT STATED-NOSE HIGH ATTITUDE PREVENTED OPTIMUM BRAKING WHILE STILL AT HIGH SPEED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2606	9/21/79 TIME - 0755	SPOKANE,WA	CESSNA P337 N5JH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 36, 4087 TOTAL HOURS, 99 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FELTS
DEPARTURE POINT: BOISE,ID
INTENDED DESTINATION: SPOKANE,WA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  IN FLIGHT DESCENDING
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
  MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
FACTOR(S)
  TERRAIN - OTHER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- BOOST PUMPS LEFT ON.UN RESTART ENGS.HIT 300FT SHORT OF RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2451	9/22/79 TIME - 1505	NR.BELLINGHAM,WA	CESSNA R172K N6417K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 27, 2742 TOTAL HOURS, 140 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RAAB
DEPARTURE POINT: BELLINGHAM,WA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
  MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS
REMARKS- DOG ON RWY.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2445	9/30/79 TIME - 1108	YAKIMA,WA	CESSNA 150L N11633 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 32, 23 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - YAKIMA AIR TERMIN
DEPARTURE POINT: PASCO,WA
INTENDED DESTINATION: RETURN
LAST ENROUTE STOP: YAKIMA,WA
TYPE OF ACCIDENT
  TURBULENCE
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  TAKEOFF RUN
  TAKEOFF RUN

PROBABLE CAUSE(S)
  MISCELLANEOUS - VORTEX TURBULENCE
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS
REMARKS- ARMY HEL MAKING TKOF & LNDG NEAR RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2503	9/30/79 TIME - 1545	VANCOUVER,WA	CESSNA 150 N60420 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 30, 17 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EVERGREEN
DEPARTURE POINT: VANCOUVER,WA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2453	10/6/79 TIME - 1915	COPALIS BEACH,WA	CESSNA 170B N3160A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 148 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - COPALIS BEACH
DEPARTURE POINT: COPALIS BEACH,WA
INTENDED DESTINATION: PORT ORCHARD,WA
TYPE OF ACCIDENT
  EVASIVE MANEUVER
  COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
  TAKEOFF RUN
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
FACTOR(S)
  PILOT IN COMMAND - EXERCISED POOR JUDGMENT
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- TKOF FROM CROWDED BEACH AT DUSK. PEOPLE WALKED INTO ACFT'S PATH. STRUCK CESSNA 172,N80849,SUB DMG.

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FILE    DATE         LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                             F  S M/N      PURPOSE
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3-2663  10/7/79    ARLINGTON,WA         CESSNA 150F          CR-  1  0  0  NONCOMMERCIAL                NO CERTIFICATE, AGE 59,
        TIME - 0025                     N3033X               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     198 TOTAL HOURS, 113 IN
                                        DAMAGE-DESTROYED                                                TYPE, NOT INSTRUMENT
                                                                                                        RATED.
        NAME OF AIRPORT - ARLINGTON MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          KELSO,WA                     ARLINGTON,WA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  TREES                                     IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - FOG
          TERRAIN - HIGH OBSTRUCTIONS
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - UNKNOWN/NOT REPORTED

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          OBSCURATION                                              0
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          ZERO                                                     NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TEMPERATURE-F
          FOG                                                      53
        TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
          BELOW MINIMUMS                                           NONE
        REMARKS- TOPPED TREES THEN HIT LARGE LOGS.PLTS LOG BOOK SHOWED 3HR NIGHT.NO INST TIME.MED EXPIRED.


3-2658  10/8/79  NR.RITZVILLE,WA        CESSNA 150           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 52, 133
        TIME - 1230                     N6649T               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 132 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          PULLMAN,WA                 RITZVILLE,WA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        REMARKS- LANDED IN PLOWED FIELD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2607	10/27/79 TIME - 1139	EVERETT,WA	MOONEY M20C N6961U DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 35, 2216 TOTAL HOURS, 36 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PAINE
DEPARTURE POINT — EVERETT,WA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  DUAL STUDENT - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- LND ON ROAD ON ARPT. STUDENT DID PRE-FLT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2449	10/28/79 TIME - 1545	ROCHE HARBOR,WA	PIPER PA-28R N8163 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 425 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ROCHE HARBOR
DEPARTURE POINT — SEATTLE,WA
INTENDED DESTINATION — ROCHE HARBOR,WA
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED SPEED
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
  MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY
REMARKS- PLT STATED-RWY WET W PUDDLES.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                                F  S M/N    PURPOSE
3-2527  10/31/79 NR.NEAH BAY.WA          HILLER ACFT UH-12E   CR-  0  0  1  COMMERCIAL                  COMMERCIAL. FL.INSTR..
        TIME - 1018                      N87977               PX-  0  0  0  CONSTRUCTION                AGE 33. 6241 TOTAL HOURS.
                                         DAMAGE-SUBSTANTIAL                                             2639 IN TYPE. NOT INSTRU-
        DEPARTURE POINT              INTENDED DESTINATION                                               MENT RATED.
         NEAH BAY.WA                   LOCAL
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                        IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  OBJECT                                LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS.CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- T/R HIT STUMPS.

3-2605  11/11/79   COLLEGE PLACE.WA      BELLANCA 7KCAB       CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL. AGE 53. 1278
        TIME - 1315                      N26807               PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS. 90 IN TYPE.
                                         DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - SKY RANCH
        DEPARTURE POINT              INTENDED DESTINATION
          WALLA WALLA.WA               COLLEGE PLACE.WA
        TYPE OF ACCIDENT                                     PHASE OF OPERATION
          COLLIDED WITH  OBJECT                                IN FLIGHT  DESCENDING

        PROBABLE CAUSE(S)
          MISC-COLLIDED WITH RADIO CONTROLLED MODEL ACFT
        REMARKS- DMGD LEFT WG.LND OK. MODEL ABOUT 1050FT AGL.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2658	6/19/79 TIME - 0813	CHARLESTON,WV	CESSNA 421B N69733 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 2 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 59, 2008 TOTAL HOURS, 543 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KANAWHA
DEPARTURE POINT
NEWPORT NEWS,VA
INTENDED DESTINATION
CHARLESTON,WV
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - INCORRECT TRIM SETTING
TERRAIN - HIGH OBSTRUCTIONS
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
100
VISIBILITY AT ACCIDENT SITE
1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
64
WIND DIRECTION-DEGREES
30
WIND VELOCITY-KNOTS
5
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
OTHER
FIRE AFTER IMPACT
REMARKS- ILS APCH,CRASHED INSIDE OM,1000FT BLO GLIDEPATH,NO MEDICAL,MULTI-ENG OR INSTRUMENT RATINGS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2656	6/28/79 TIME - 1800	SUMMERVILLE,WV	CESSNA 310L N3288X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 37, 6410 TOTAL HOURS, 2150 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SUMMERVILLE
DEPARTURE POINT
HUNTINGTON,WV
INTENDED DESTINATION
SUMMERVILLE,WV
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED
MISCELLANEOUS ACTS,CONDITIONS - WARPED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- L BRAKE DISC LINING FRACTURED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2657	7/5/79 TIME - 1859	BLUEFIELD,WV	PIPER PA-34 N977LB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 4	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 44, 442 TOTAL HOURS, 79 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MERCER COUNTY
DEPARTURE POINT — BUTLER, PA
INTENDED DESTINATION — BLUEFIELD,WV
TYPE OF ACCIDENT — COLLISION WITH AIRCRAFT ONE AIRBORNE
PHASE OF OPERATION — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2657	7/5/79 TIME - 1859	BLUEFIELD,WV	MOONEY M20G N6791N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3 OT- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 22, 400 TOTAL HOURS, 165 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MERCER COUNTY
DEPARTURE POINT — WYLAN,TN
INTENDED DESTINATION — BLUEFIELD,WV
TYPE OF ACCIDENT — COLLISION WITH AIRCRAFT ONE AIRBORNE
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT
FACTOR(S)
PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
REMARKS- WRONG RADIO FREQ FOR ARPT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2649	9/5/79 TIME - 1215	RIVERTON,WV	CESSNA 120 N3000N DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 520 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
OXFORD,PA
INTENDED DESTINATION
NORMAN,OK
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - BECAME LOST/DISORIENTED
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - FOG
WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
800
VISIBILITY AT ACCIDENT SITE
4 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- PIC ATTMPTD EMERG LDG ON EAST TO WEST HDG WHEN MORE FIELD WAS AVAILABLE ON NORTH-SOUTH HDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2420	4/10/79 TIME - 1400	COLOMA,WI	AERONCA LA4200 N65702 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 51, 1666 TOTAL HOURS, 182 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NETZER FIELD
DEPARTURE POINT
COLOMA,WI
INTENDED DESTINATION
FRIENDSHIP,WI
TYPE OF ACCIDENT
GEAR COLLAPSED
PHASE OF OPERATION
TAKEOFF RUN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                                F  S M/N     PURPOSE

3-2690  6/7/79       BOULDER JCT.WI       CESSNA 172H         CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 48, 314
        TIME - 0930                       N80921              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 107 IN TYPE.
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BOULDER JCT SPB
        DEPARTURE POINT              INTENDED DESTINATION
          BOULDER JCT.WI             MADISON.WI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
          COLLISION WITH GROUND/WATER  CONTROLLED                   TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          POWERPLANT - ENGINE STRUCTURE  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - MISSING
          POWERPLANT - FUEL SYSTEM  CARBURETOR
          MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- SEAPLANE BASE.ENGINE INTAKE SEAL MISSING ON #6 CYL.PRIMARY VENTURI LOOSE.


3-2417  6/8/79       BELOIT.WI            BEECH V35           CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 45, 2133
        TIME - 1845                       N2069W              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 1503 IN
                                          DAMAGE-SUBSTANTIAL                                            TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - BELOIT
        DEPARTURE POINT              INTENDED DESTINATION
          PEORIA.IL                  MILWAUKEE.WI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  TREES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  CRANKCASE
          MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE PRESSURE
          MISCELLANEOUS ACTS,CONDITIONS - OIL STARVATION
        FACTOR(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - ENGINE STRUCTURE  MASTER AND CONNECTING RODS
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
        REMARKS- TEARDOWN RPT STATED EXCESSIVE CRANKCASE PRESSURE AGGRAVATED BY TIGHT ASSY CLEARANCE OF #5 CONROD.
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FILE   DATE         LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                            F  S M/N    PURPOSE

3-2589 7/1/79     SPRINGBROOK,WI      CESSNA 140           CR- 1  0  0  NONCOMMERCIAL              PRIVATE, AGE 57, 185
       TIME - 1940                    N1972J               PX- 1  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 143 IN TYPE,
                                      DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - INGBERTSON
       DEPARTURE POINT             INTENDED DESTINATION
         SPRINGBROOK,WI              SPRINGBROOK,WI
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL  SPIN                                               IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING


3-2590 7/3/79     NEILLSVILLE,WI      CESSNA 182P          CR- 0  0  1  NONCOMMERCIAL              PRIVATE, AGE 44, 162
       TIME - 1055                    N22EW                PX- 0  1  1  BUSINESS                   TOTAL HOURS, 61 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - NEILLSVILLE MUNI
       DEPARTURE POINT             INTENDED DESTINATION
         STEVENS PT,WI               EAU CLAIRE,WI
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         OVERSHOOT                                                 LANDING  LEVEL OFF/TOUC DOWN

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  CYLINDER ASSEMBLY
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- #4 CYL ROCKER ARM BOSS FAILED.OVERSHOT RWY.CAME TO REST ON HILL.


3-2419 7/3/79     BURLINGTON,WI       DAVIS DA-3           CR- 0  0  1  NONCOMMERCIAL              PRIVATE, AGE 47, 1127
       TIME - 0930                    N19MD                PX- 0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 130 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - BURLINGTON MUNI
       DEPARTURE POINT             INTENDED DESTINATION
         WAUKEGAN,IL                 BURLINGTON,WI
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             LANDING  TRAFFIC PATTERN-CIRCLING
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - HIGH VEGETATION
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2505	7/3/79 TIME - 2154	TAYLOR,WI	PIPER PA-28 N8341C DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 47, 225 TOTAL HOURS, 222 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  WAUSAU,WI
INTENDED DESTINATION
  DURAND,WI
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
WIND VELOCITY-KNOTS
  5
TYPE OF FLIGHT PLAN
  CONTROLLED VFR

CEILING AT ACCIDENT SITE
  85
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  180
TYPE OF WEATHER CONDITIONS
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2591	7/20/79 TIME - 1630	COLEMAN,WI	CESSNA 172 N9801V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, 219 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PATZ CO
DEPARTURE POINT
COLEMAN,WI
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
WEATHER - THUNDERSTORM ACTIVITY
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
85
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2506	7/27/79 TIME - 1810	SHEBOYGEN,WI	CESSNA 177RG N7540V DAMAGE-DESTROYED	CR- 0 1 0 PX- 2 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 139 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BELL'S AIRPORT
DEPARTURE POINT
MILWAUKEE,WI
INTENDED DESTINATION
LAKE GENEVA,WI
LAST ENROUTE STOP
SHEBOYGEN,WI
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
FIRE AFTER IMPACT
REMARKS- COLLIDED WITH BILLBOARD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2418	8/5/79 TIME - 1540	OSHKOSH,WI	MUNNINGHOFF FW-190 N14926 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 1202 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WITTMAN FIELD
DEPARTURE POINT
OSHKOSH,WI
INTENDED DESTINATION
CHICAGO,IL
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2592	8/18/79 TIME - 1350	KENOSHA,WI	PIPER PA-28 N3016H DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 116 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SOUTH BEND,IN
INTENDED DESTINATION
STEVENS PT,WI
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - FOG
WEATHER - LOW CEILING
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE
400
VISIBILITY AT ACCIDENT SITE
1 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
69
WIND DIRECTION-DEGREES
120
WIND VELOCITY-KNOTS
5
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
VFR

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FILE   DATE          LOCATION          AIRCRAFT DATA       INJURIES       FLIGHT                                PILOT DATA
                                                            F  S M/N      PURPOSE

3-2422 9/4/79    MANITOWISH WTR.WI    CESSNA 182          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 33, 559
       TIME - 1400                    N3VH                PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 193 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - MANITOWISH WATERS
       DEPARTURE POINT              INTENDED DESTINATION
         MANITOWISH WTR.WI            AURORA.IL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  RUN
         NOSE OVER/DOWN                                            TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.


3-2421 9/15/79    BIRCHWOOD.WI        PIPER PA-28         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 25, 88 TOTAL
       TIME - 1330                    N1934T              PX-  0  0  2  PLEASURE/PERSONAL TRANSP  HOURS, 17 IN TYPE, NOT
                                      DAMAGE-DESTROYED                                             INSTRUMENT RATED.
       NAME OF AIRPORT - TAG-A-LONG
       DEPARTURE POINT              INTENDED DESTINATION
         RICE LAKE.WI                 BIRCHWOOD.WI
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         UNDERSHOOT                                               LANDING  FINAL APPROACH
         COLLIDED WITH  TREES                                     LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE


3-2507 9/24/79    PLATTEVILLE.WI      CESSNA 150          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 21, 140
       TIME - 2021                    N11569              PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 62 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - PLATTEVILLE MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         DUBUQUE.IA                   PLATTEVILLE.WI
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                           LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- UNIVERSITY OWNED.
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FILE   DATE        LOCATION          AIRCRAFT DATA         INJURIES      FLIGHT                    PILOT DATA
                                                           F  S M/N      PURPOSE

3-2691 10/15/79   MIDDLETON,WI       BEECH 58TC           CR- 0 0 1  NONCOMMERCIAL             COMMERCIAL, FL.INSTR.,
       TIME - 1225                   N7115N               PX- 0 0 1  CORP/EXEC                 AGE 47, 9260 TOTAL HOURS,
                                     DAMAGE-SUBSTANTIAL                                        2249 IN TYPE, INSTRUMENT
       DEPARTURE POINT              INTENDED DESTINATION                                       RATED.
         YANKTON,SD                   WAUKESHA,WI
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  NORMAL CRUISE
         HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       FACTOR(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
         MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- FUEL GAUGES INOP SINCE NOV 1978.


3-2494 10/20/79   FALL CREEK,WI      CESSNA 172           CR- 1 0 0  NONCOMMERCIAL             PRIVATE, AGE 22, 359
       TIME - 2005                   N5072R               PX- 1 0 0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 298 IN TYPE,
                                     DAMAGE-DESTROYED                                          NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         CEDAR RAPIDS,IA              CABLE,WI
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED              IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - SPATIAL DISORIENTATION
       FACTOR(S)
         WEATHER - RAIN
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                          CEILING AT ACCIDENT SITE
         BROKEN                                                 2400
       VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                   RAIN
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                TYPE OF WEATHER CONDITIONS
         NONE                                                   IFR
       TYPE OF FLIGHT PLAN
         VFR
```

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2477	2/27/79 TIME - 0807	CHEYENNE,WY	DEHAVILLAND DHC-6 N24RM DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 14	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-O	AIRLINE TRANSPORT, AGE 26, 3742 TOTAL HOURS, 794 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CHEYENNE MUNI
DEPARTURE POINT: DENVER,CO
INTENDED DESTINATION: RETURN
LAST ENROUTE STOP: CHEYENNE,WY
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
POWERPLANT - TURBINE ASSEMBLY BLADE,TURBINE WHEEL
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - OVERHEATED
MISCELLANEOUS ACTS,CONDITIONS - PREVIOUS DAMAGE
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
FACTOR(S)
POWERPLANT - PROPELLER SYSTEM CONTROL UNIT,PCV
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
REMARKS- CREWS ERRONEOUS DETERMN ACFT NOT CAPABLE OF SE FLT.ERRONEOUS ASSESSMENT OF ENG DAMAGE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2679	6/25/79 TIME - 0950	BONDURANT,WY	BEECH A-36 N4260S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 38, 1149 TOTAL HOURS, 721 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BONDURANT
DEPARTURE POINT: BONDURANT,WY
INTENDED DESTINATION: DUBOIS,WY
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
REMARKS- DA APPROX 7500FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2406	2/6/79 TIME - UNK/NR	MISSING AIRCRAFT	PICCARD AX-3 N5188O DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 44, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: ROCKFORD,IL
INTENDED DESTINATION: LAKE GENEVA,IL
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- A/C DAMAGE & INJURY INDEX PRESUMED.ON 4-28-79 2 PROPANE TANKS FOUND ON MI SHORELINE.

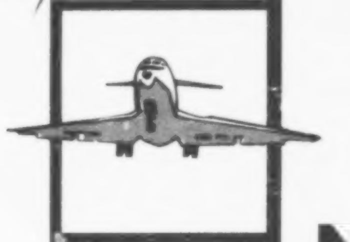
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2689	7/13/79 TIME - 0100	NR.SAN JUAN,PR	BEECH E18S N628 DAMAGE-DESTROYED	CP- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, UNK/NR INSTRUMENT RATED.

NAME OF AIRPORT - ABANDONED STRIP
DEPARTURE POINT — UNKNOWN/NOT REPORTED
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  COLLIDED WITH DIRT BANK

PHASE OF OPERATION
  LANDING ROLL
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - RUNWAY CLOSED
FIRE AFTER IM ACT
REMARKS- POLICE CONFIRMED TRACES OF COCAINE IN AIRCRAFT.INJURY INDEX PRESUMED.

80-7



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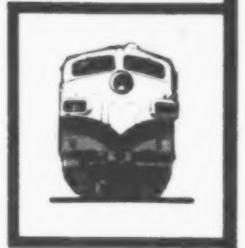

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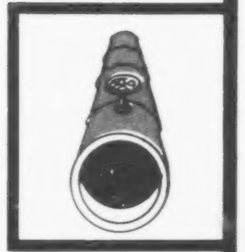
ISSUE NUMBER 10 OF 1979 ACCIDENTS



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16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 300 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

File Numbers: 3-2701 thru 3-3000

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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident

An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury

Any injury which results in death within 7 days of the accident.

Serious Injury

Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
: Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
: Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
: Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
: Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

EXPLANATORY NOTES

KIND OF FLYING

2. Noncommerical Flying
Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

Pleasure
Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

Business
The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

Corporate/Executive Operations
The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 -	2,250 kilograms	(0 -	4,960 pounds)
2,251 -	5,700 kilograms	(4,961 -	12,565 pounds)
5,701 -	27,000 kilograms	(12,566 -	59,525 pounds)
27,001 -	272,000 kilograms	(59,526 -	599,650 pounds)
272,001 -	kilograms and greater	(599,651	pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 10
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	54	17	46	186			303
COPILOT	3		2	2			7
DUAL STUDENT	1		5	10			16
CHECK PILOT				2			2
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT							
EXTRA CREW			2				2
PASSENGERS	60	8	27	183			278
TOTAL	118	25	82	383		ABOARD	608
OTHER AIRCRAFT							
OTHER GROUND							
GRAND TOTAL	118	25	82	383			608

INVOLVES 300 TOTAL ACCIDENTS
INVOLVES 55 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 10
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 300 TOTAL ACCIDENTS

INVOLVES 55 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT		1	1	1		1	1	1	2
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1	1	2		1	1	1	2	3
BECAME LOST/DISORIENTED	2		2	2		2	4		4
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	12	1	13	4		4	16	1	17
DELAYED ACTION IN ABORTING TAKEOFF				4		4	4		4
DELAYED IN INITIATING GO-AROUND				7		7	7		7
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	2		2	3		3	5		5
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	2		2				2		2
FAILED TO EXTEND LANDING GEAR				1		1	1		1
FAILED TO RETRACT LANDING GEAR				1		1	1		1
INADVERTENTLY RETRACTED GEAR				1		1	1		1
FAILED TO SEE AND AVOID OTHER AIRCRAFT	2		2	5		5	7		7
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	4		4	5		5	9		9
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	14		14	17		17	31		31
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	2		2				2		2
FAILED TO MAINTAIN ADEQUATE ROTOR RPM				2		2	2		2
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC				5		5	5		5
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				7		7	7		7
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				8		8	8		8
IMPROPER OPERATION OF FLIGHT CONTROLS		1	1	3		3	3	1	4
PREMATURE LIFT OFF				7		7	7		7
IMPROPER LEVEL OFF				14		14	14		14
IMPROPER IFR OPERATION	4		4	1		1	5		5
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	4		4	3	3	6	7	3	10
IMPROPER COMPENSATION FOR WIND CONDITIONS				9		9	9		9
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	2	2	4	34	2	36	36	4	40
INADEQUATE SUPERVISION OF FLIGHT				4		4	4		4
LACK OF FAMILIARITY WITH AIRCRAFT		3	3	1	4	5	1	7	8
MISMANAGEMENT OF FUEL	2		2	22		22	24		24
EXERCISED POOR JUDGMENT	2	1	3	1		1	3	1	4
SELECTED UNSUITABLE TERRAIN	1		1	10		10	11		11
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				2		2	2		2
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				2		2	2		2
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS				3	1	4	3	1	4
SPONTANEOUS-IMPROPER ACTION				1		1	1		1
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				4		4	4		4
MISJUDGED DISTANCE AND SPEED				13		13	13		13
MISJUDGED DISTANCE AND ALTITUDE				9		9	9		9
MISJUDGED SPEED AND ALTITUDE				1		1	1		1
MISJUDGED ALTITUDE AND CLEARANCE	5		5	1		1	6		6
MISJUDGED ALTITUDE	1		1				1		1
MISJUDGED CLEARANCE				6		6	6		6
IMPROPER RECOVERY FROM BOUNCED LANDING				3		3	3		3
PHYSICAL IMPAIRMENT	3		3				3		3
SPATIAL DISORIENTATION	4		4				4		4
MISUSED OR FAILED TO USE FLAPS				4	1	5	4	1	5
FAILED TO MAINTAIN DIRECTIONAL CONTROL				15		15	15		15
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				2		2	2		2
FAILED TO ABORT TAKEOFF				4		4	4		4
FAILED TO INITIATE GO-AROUND				11		11	11		11
SUBTOTAL	69	10	79	264	12	276	333	22	355
DUAL STUDENT									
FAILED TO EXTEND LANDING GEAR				1		1	1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS				1		1	1		1
MISJUDGED DISTANCE AND ALTITUDE				1		1	1		1
SUBTOTAL				3		3	3		3

CAUSE/FACTOR TABLE

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
CHECK PILOT									
INADEQUATE SUPERVISION OF FLIGHT				2		2	2		2
SUBTOTAL				2		2	2		2
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
INADEQUATE SUPERVISION OF FLIGHT					1	1		1	1
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				3		3	3		3
INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)				2		2	2		2
INADEQUATE MAINTENANCE AND INSPECTION	1		1	10		10	11		11
OTHER				1		1	1		1
OPERATIONAL SUPERVISORY PERSONNEL									
FAILURE TO PROVIDE ADEQ DIRECTIVES, MANUALS, EQUIPMENT					1	1		1	1
WEATHER PERSONNEL									
INCORRECT WEATHER FORECAST		1	1		1	1		2	2
TRAFFIC CONTROL PERSONNEL									
FAILURE TO ADVISE OF UNSAFE WEATHER CONDITION		1	1					1	1
AIRPORT SUPERVISORY PERSONNEL									
OTHER					1	1		1	1
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
POOR/INADEQUATE DESIGN				1		1	1		1
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	2		2	4		4	6		6
PASSENGER				1		1	1		1
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	3	2	5	22	4	26	25	6	31
** AIRFRAME **									
WINGS									
SPARS		2	2					2	2
FUSELAGE									
WINDSHIELDS, WINDOWS, CANOPIES				1		1	1		1
OTHER				1		1	1		1
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				4		4	4		4
NORMAL RETRACTION/EXTENSION ASSEMBLY				2		2	2		2
NOSEWHEEL ASSEMBLIES				1		1	1		1
WHEELS, TIRES, AXLES				1		1	1		1
BRAKING SYSTEM (NORMAL)				4		4	4		4
BRAKING SYSTEM (EMERGENCY)					1	1		1	1
NOSEWHEEL STEERING				1		1	1		1
OTHER				1		1	1		1
FLIGHT CONTROL SURFACES									
HORIZONTAL STABILIZER, ATTACHMENTS		1	1					1	1
FLAP ASSEMBLIES					1	1		1	1
SUBTOTAL		3	3	16	2	18	16	5	21
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
MASTER AND CONNECTING RODS	2		2	4		4	6		6
CYLINDER ASSEMBLY				3		3	3		3
PISTON, PISTON RINGS	1		1	1		1	2		2
VALVE ASSEMBLIES	1		1	3		3	4		4
IGNITION SYSTEM									
MAGNETOES				2		2	2		2
SPARK PLUG				1		1	1		1
FUEL SYSTEM									
TANKS				1		1	1		1
LINES AND FITTINGS				1		1	1		1
SELECTOR VALVES				2		2	2		2
CARBURETOR				3		3	3		3
VENTS, DRAINS, TANK CAPS				2		2	2		2
RAM AIR ASSEMBLY				1		1	1		1
OTHER				1		1	1		1

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
LUBRICATING SYSTEM									
PUMP-PRESSURE				1		1	1		1
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
EXHAUST SYSTEM									
STACKS				1		1	1		1
ENGINE ACCESSORIES									
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				1		1	1		1
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	2		2	18		18	20		20
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
BEARING, ROTOR SHAFT	1		1				1		1
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
WHEEL, TURBINE				1		1	1		1
SEALS, AIR-OIL				1		1	1		1
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
PUMP, FUEL				1		1	1		1
FUEL CONTROL				1		1	1		1
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	7		7	51	1	52	58	1	59
** SYSTEMS **									
ELECTRICAL SYSTEM									
AMMETERS/VOLTMETERS					1	1		1	1
RELAYS AND WIRING	1		1	1		1	2		2
HYDRAULIC SYSTEM									
SEALS				1		1	1		1
FLIGHT CONTROL SYSTEMS									
ANTI-ICING, DE-ICING SYSTEMS									
WINDSHIELD ANTI-ICING, DE-ICING SYSTEMS	1		1				1		1
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	2		2	2	1	3	4	1	5
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
TRANSMITTERS AND/OR RECEIVERS				1		1	1		1
MISCELLANEOUS EQUIPMENT									
SUBTOTAL				1		1	1		1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
OTHER				1		1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
ENGINE DRIVE SHAFT				1		1	1		1
FLIGHT CONTROL SYSTEMS									

CAUSE/FACTOR TABLE

ROTORCRAFT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL				2		2	2		2
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
RUNWAY LIGHTING					1	1		1	1
RAMP FACILITIES					1	1		1	1
AIRPORT CONDITIONS									
WET RUNWAY					6	6		6	6
ICE/SLUSH ON RUNWAY					1	1		1	1
SNOW ON RUNWAY					1	1		1	1
SOFT SHOULDERS (RUNWAY)					1	1		1	1
HIGH VEGETATION					1	1		1	1
HIDDEN HAZARD					1	1		1	1
POORLY MAINTAINED RUNWAY SURFACE					6	6		6	6
SOFT RUNWAY					2	2		2	2
POORLY MAINTAINED RAMP/TAXIWAY SURFACE				1		1	1		1
OTHER				1	3	4	1	3	4
AIRWAYS FACILITIES									
SUBTOTAL				2	24	26	2	24	26
** WEATHER **									
LOW CEILING		14	14		6	6		20	20
RAIN		1	1		4	4		5	5
FOG		10	10		2	2		12	12
SNOW		3	3		1	1		4	4
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		3	3		2	2		5	5
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING					4	4		4	4
UNFAVORABLE WIND CONDITIONS		2	2	2	8	10	2	10	12
WIND SHEAR					2	2		2	2
SUDDEN WINDSHIFT					1	1		1	1
TURBULENCE IN FLIGHT, CLEAR AIR		1	1		1	1		2	2
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS		2	2	1		1	1	2	3
DOWNDRAFTS, UPDRAFTS		2	2		6	6		8	8
HIGH DENSITY ALTITUDE		1	1		7	7		8	8
THUNDERSTORM ACTIVITY		1	1		2	2		3	3
SUBTOTAL		40	40	3	46	49	3	86	89
** TERRAIN **									
WET, SOFT GROUND				1	15	16	1	15	16
SNOW-COVERED					1	1		1	1
HIGH VEGETATION					2	2		2	2
ROUGH/UNEVEN		2	2	3	23	26	3	25	28
HIGH OBSTRUCTIONS		2	2		20	20		22	22
LOOSE GRAVEL					2	2		2	2
SANDY					1	1		1	1
OTHER					1	1		1	1
SUBTOTAL		4	4	4	65	69	4	69	73
** MISCELLANEOUS **									
FOREIGN OBJECT DAMAGE				1		1	1		1
SMOKE IN COCKPIT				1		1	1		1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS	1		1	4		4	5		5
UNDETERMINED	7		7	2		2	9		9
BIRD COLLISION				1		1	1		1
PROP/JET/ROTOR BLAST				1		1	1		1
ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP				1		1	1		1
EVASIVE MANEUVER TO AVOID COLLISION	1		1	2		2	3		3
SUBTOTAL	9		9	13		13	22		22
GRAND TOTAL	90	59	149	385	155	540	475	214	689
** MISCELLANEOUS ACTS, CONDITIONS **									
POOR WELD				2		2	2		2
LEAK/LEAKAGE		1	1	2		2	2	1	3

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
CIRCUIT BREAKER POPPED					2	2		2	2
ARCING	1		1				1		1
LOW COMPRESSION				1		1	1		1
RUNWAY CLOSED					1	1		1	1
DOWNWIND					4	4		4	4
CARBON DEPOSITS				1		1	1		1
UNDER TORQUED				1		1	1		1
LOOSE, PART/FITTING	1		1				1		1
GROUND RESONANCE					1	1		1	1
BINDING				1		1	1		1
BURST				1		1	1		1
COLLAPSED				1		1	1		1
DISCONNECTED				1		1	1		1
EXCESSIVE-WEAR/PLAY				3		3	3		3
FRAYED				1		1	1		1
GROUNDED				3		3	3		3
IMPROPERLY INSTALLED				1		1	1		1
JAMMED				1		1	1		1
OBSTRUCTED				2		2	2		2
PRESSURE TOO LOW				1		1	1		1
PRESSURE, NONE				1		1	1		1
SHEARED				1		1	1		1
STRIPPED				1		1	1		1
STUCK				1		1	1		1
WARPED				1		1	1		1
FIRE IN WING				1		1	1		1
LOAD NOT JETTISONED					1	1		1	1
INTENTIONAL GROUND-WATER LOOP-SWERVE				1	1	2	1	1	2
INTENTIONAL WHEELS UP		1	1	3		3	3	1	4
RAN OFF END OF RUNWAY					12	12		12	12
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				4		4	4		4
DISREGARD OF GOOD OPERATING PRACTICE				1		1	1		1
IMPROPER EMERGENCY PROCEDURES				2		2	2		2
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA					2	2		2	2
UNWARRANTED LOW FLYING	4	3	7	1		1	5	3	8
FAILED TO USE ALL AVAILABLE RUNWAY					1	1		1	1
INATTENTIVE TO FUEL SUPPLY				2		2	2		2
FLEW INTO BLIND CANYON	2		2				2		2
POORLY PLANNED APPROACH					2	2		2	2
MISCALCULATED FUEL CONSUMPTION				2		2	2		2
JETTISONED LOAD					3	3		3	3
IMPROPERLY SECURED				2		2	2		2
ELECTRICAL FAILURE					1	1		1	1
ENGINE LOADED UP				1		1	1		1
EXPLOSIVE DECOMPRESSION					1	1		1	1
FATIGUE FRACTURE				1		1	1		1
HYDRAULIC FAILURE				1		1	1		1
IMPROPER ALIGNMENT/ADJUSTMENT				1	1	2	1	1	2
FAILURE OF TWO OR MORE ENGINES					3	3		3	3
SEPARATION IN FLIGHT		2	2		2	2		4	4
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT		1	1					1	1
FIRE IN ENGINE	1	1	2	1		1	2	1	3
PILOT FATIGUE		2	2		1	1		3	3
FUEL EXHAUSTION	2		2	20		20	22		22
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	3		3				3		3
ICE-CARBURETOR				4		4	4		4
AIRFRAME ICE				1	1	2	1	1	2
ICE-WINDSHIELD					1	1		1	1
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG		1	1	1	2	3	1	3	4
INTERFERENCE WITH FLIGHT CONTROLS				2		2	2		2
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1		1	1		1
SIMULATED CONDITIONS					3	3		3	3
WATER IN FUEL				4		4	4		4
AIRCRAFT CAME TO REST IN WATER		4	4		8	8		12	12
MISSING				1		1	1		1
TOUCH AND GO LANDING					9	9		9	9
HYDROPLANING ON WET RUNWAY				1	1	2	1	1	2
OVERLOAD FAILURE		2	2		23	23		25	25
MATERIAL FAILURE	4		4	17	1	18	21	1	22
FUEL STARVATION				8		8	8		8

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2701	N9552U	110979	CHEASAPEAKE,VA	GRUM AMER	AA1-C	NONE
3 2702	N3126K	080579	NORFOLK,VA	CESSNA	421	SERIOUS
3 2703	N34969	090779	GORDONSVILLE,VA	CESSNA	177RG	NONE
3 2704	N3613H	092279	HILLIARD,FL	MOONEY	M20C	NONE
3 2705	N5375S	051479	KISSIMMEE,FL	CESSNA	337	MINOR
3 2706	N2223V	090879	FORT MYERS,FL	PIPER	PA-28	NONE
3 2707	N111DC	091879	NTAMPA,FL	HAM-FLUGZEU	HFB320	MINOR
3 2708	N732PY	091879	WICHITA,KS	CESSNA	210	NONE
3 2709	N8098D	070179	NWESTFALL,KS	PIPER	PA-18A	NONE
3 2710	N18DW	072779	NTRIBUNE,KS	DYKE DELTA	JD-2	NONE
3 2711	N74FJ	062379	BOWLING GREEN,MO	DAVIS	DA2B	FATAL
3 2712	N3209W	093079	GREEN CITY,MO	PIPER	PA-32	NONE
3 2713	N1214T	092279	LAMAR,MO	PIPER	PA-28	NONE
3 2714	N1094X	091179	LAKE WINNEBAGO,MO	PIPER	PA-28R	SERIOUS
3 2715	N24547	120679	LEE'S SUMMIT,MO	CESSNA	152	NONE
3 2716	N7137G	111579	WILLOW SPRINGS,MO	CESSNA	150L	NONE
3 2717	N69206	111079	NWARRENSBURG,MO	CESSNA	152	MINOR
3 2718	N6192A	071279	EVELETH,MN	PIPER	PA-31	NONE
3 2719	N7572V	072879	BRAINERD,MN	CESSNA	152	NONE
3 2720	N4328R	060979	EDEN PRAIRIE,MN	CESSNA	185	NONE
3 2721	N7448F	070279	NWILLMAR,MN	HUGHES	269C	NONE
3 2722	N23849	051879	DETROIT LAKES,MN	BEECH	B19	NONE
3 2723	N59H	090279	NST.PETER,MN	BELL	47G-2	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2724	N9732P	082579	WALKER,MN	PIPER	PA-25	NONE
3 2725	N1389G	110779	GRAND RAPIDS,MN	CESSNA	340A	NONE
3 2726	N3073N	092479	THIEF RIV FLS,MN	CESSNA	140	NONE
3 2727	N34471	061079	LONGVILLE,MN	CESSNA	177	MINOR
3 2728	N29486	101979	WHEATON,MN	CESSNA	177	NONE
3 2729	N36815	101379	AITKIN,MN	PIPER	PA-32	NONE
3 2730	N62818	102379	NCOLD SPRINGS,MN	PIPER	PA-23	NONE
3 2731	N6616W	101479	EVELETH,MN	PIPER	PA-28	NONE
3 2732	N7298Z	072979	WARROAD,MN	PIPER	PA-25	MINOR
3 2733	N9636C	080379	WHEATON,MN	PIPER	PA-32	NONE
3 2734	N73825	082679	BOTTINEAU,ND	COMMONWLTH	185	MINOR
3 2735	N5725U	051979	GLENWOOD,MN	PIPER	PA-28	NONE
3 2736	N10214	081579	CAMPBELL,MN	GRUMMAN	G-164	NONE
3 2737	N25157	092179	MINNEAPOLIS,MN	PIETENPOL	AIRCMP	MINOR
3 2738	N2070J	072479	BELVIEW,MN	CESSNA	188T	MINOR
3 2739	N711RJ	061179	ST.PAUL,MN	SCORPION	II	NONE
3 2740	N8471E	092579	NPIERSON,IA	BELL	47G-3B	SERIOUS
3 2741	N73370	092779	KOSSUTH,IA	CESSNA	182P	NONE
3 2742	N4957Y	093079	LOST NATION,IA	PIPER	PA-25	NONE
3 2743	N6419U	090979	WAVERLY,IA	MOONEY	M20C	NONE
3 2744	N538FL	102479	OELWEIN,IA	PIPER	PA-28	NONE
3 2745	N7521X	082079	COUNCIL BLUFFS,IA	CESSNA	172B	NONE
3 2746	N8976A	113079	SOMERS,IA	BEECH	C35	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2747	N41961	110479	WINTERSET,IA	LUSCOMBE	8A	NONE
3 2748	N2518K	082879	OSKALOOSA,IA	LUSCOMBE	8E	NONE
3 2749	N3881E	090779	MANNING,IA	PIPER	PA-36	NONE
3 2750	N5556F	092979	WEVER,IA	PIPER	PA-28	NONE
3 2751	N8731C	102879	DES MOINES,IA	PIPER	PA-22	NONE
3 2752	N8194C	102779	DES MOINES,IA	PIPER	PA-22	NONE
3 2752	N8724V	102779	DES MOINES,IA	BELLANCA	7ECA	NONE
3 2753	N83589	101779	LAMOTTE,IA	AERONCA	7AC	NONE
3 2754	N9416F	062879	WELLMAN,IA	HUGHES	269B	NONE
3 2755	N65465	091279	OXFORD,IA	CESSNA	152	NONE
3 2756	N13MZ	082979	NMASONVILLE,IA	GRUMMAN	G-164	NONE
3 2757	N5937J	100779	NNEW HAMPTON,IA	CESSNA	150	NONE
3 2758	N40359	071479	NBATH,SD	PIPER	PA-18	NONE
3 2759	N2679X	081079	KEARNEY,NE	CESSNA	P206A	NONE
3 2760	N2234E	091679	WICHITA,KS	CESSNA	172	NONE
3 2761	N9186L	072179	MANKATO,MN	BELLANCA	7GCAA	MINOR
3 2762	N60321	090879	MONTICELLO,MN	CESSNA	150J	NONE
3 2763	N16DS	091979	WALDRON,MO	STOEGER VOL	VJ22	MINOR
3 2764	N18828	091979	HARRISONVILLE,MO	WAR	FW-190	NONE
3 2765	N24366	082779	MT PLEASANT,IA	CESSNA	152	NONE
3 2766	N44650	063079	IOWA FALLS,IA	CESSNA	188B	SERIOUS
3 2767	N98602	092579	MADRID,IA	PIPER	J-3	MINOR
3 2768	N732WZ	081979	FOSTORIA,IA	CESSNA	210	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2769	N208MA	080379	HAYS,KS	MITSUBISHI	MU-2B	FATAL
3 2770	N3881N	031979	NCRESTONE,CO	MOONEY	M20F	FATAL
3 2771	N2847W	091479	NGARFIELD,CO	BEECH	A-36	FATAL
3 2772	N4153V	121579	JOHNSON CITY,TX	CESSNA	170	NONE
3 2773	N5783	092379	NGREENFIELD,CA	BELL	47G2	NONE
3 2774	N29152	071879	NCHINLE,AZ	CESSNA	206	NONE
3 2775	N8533F	080379	GRAND CANYON,AZ	BELL	206B	MINOR
3 2776	N1040E	070879	NCASA GRANDE,AZ	FAIRCHILD	C119L	FATAL
3 2777	N4695T	060379	NOCEANSIDE,CA	PIPER	PA-28	FATAL
3 2778	N16MM	050579	NJULIAN,CA	BEECH	D-50	FATAL
3 2779	N1752	091279	CRYSTAL CITY,CA	BRIEGLAB	12BD	MINOR
3 2780	N2383T	051479	LONG BEACH,CA	PIPER	PA-28	FATAL
3 2781	N47534	050879	NLA POSTA,CA	PIPER	PA-32	FATAL
3 2782	N15325	071179	BURMUDA DUNES,CA	PIPER	PA-32	FATAL
3 2783	N3293D	090179	VISALIA,CA	CESSNA	180	NONE
3 2784	N630WE	083079	SAN JOSE,CA	CESSNA	TP2106	NONE
3 2785	N5191G	081179	NHAMILTON CITY,CA	CESSNA	305A	FATAL
3 2786	N1409C	041579	NBIG BEAR CITY,CA	CESSNA	170B	FATAL
3 2787	N10Z	082879	FORT MYERS,FL	PITTS	S-1-C	SERIOUS
3 2788	N8971G	111179	DIXIE,ID	CESSNA	182	NONE
3 2789	N3136Y	120279	RED LODGE,MT	CESSNA	182E	NONE
3 2790	N740Y	071679	CROSSVILLE,TN	GRUMMAN	G-164	MINOR
3 2791	N26121	102779	MARQUEZ,TX	GRUM AMER	AA-5A	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2792	N714VN	101979	LAKE GENEVA,WI	CESSNA	152	MINOR
3 2793	N5470T	081379	ERLANGER,KY	CESSNA	172E	MINOR
3 2794	N2358X	091179	ASHLAND,VA	CESSNA	182H	NONE
3 2795	N9310T	112179	AVENTON,NC	PIPER	PA-38	FATAL
3 2796	N7923V	060579	JUNCTION,UT	ROCKWELL	A9B	NONE
3 2797	N6484W	092779	GOODLAND,KS	PIPER	PA-28	NONE
3 2798	N1DY	071879	CHAMBLEE,GA	CESSNA	310C	NONE
3 2799	N8243P	032579	ALBUQUERQUE,NM	PIPER	PA-24	NONE
3 2800	N4514Q	040979	ALBUQUERQUE,NM	CESSNA	402	NONE
3 2801	N6312M	051879	NGLENDALE,NV	STINSON	108-2	MINOR
3 2802	N4014V	110979	NLAS VEGAS,NV	CESSNA	150M	NONE
3 2803	N7715C	091679	RENO,NV	N AMERICAN	P-51D	SERIOUS
3 2804	N35818	110679	ANCHORAGE,AK	PIPER	J5A	NONE
3 2805	N8918L	120179	NMINTO,AK	PIPER	PA-18	MINOR
3 2806	N29029	051979	NKUSTATAN,AK.	CESSNA	206	NONE
3 2807	N8666D	090479	NPALMER,AK.	PIPER	PA-22	FATAL
3 2808	N44352	100479	FAIRBANKS,AK	TAYLORCRAFT	BC12-D	NONE
3 2809	N6325M	103179	NSKWENTNA,AK	STINSON	108-3	NONE
3 2810	N5051U	070179	NANCHORAGE,AK	BELLANCA	8GCBC	NONE
3 2811	N3477Z	102779	NMCGRATH,AK	PIPER	PA-18	SERIOUS
3 2812	N97381	081679	SPRINGERVILLE,AZ	CESSNA	182Q	MINOR
3 2813	N7988K	082779	ELFRIDA,AZ	BEECH	S35	NONE
3 2814	N6142G	082479	NPAGE,AZ	CESSNA	150	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2815	N6332J	111479	WINSLOW,AZ	PIPER	PA-28	MINOR
3 2816	N57759	092879	SAFFORD,AZ	PIPER	PA-36	MINOR
3 2817	N711SA	070179	MINOT,ND	SWEARINGEN	SA26AT	NONE
3 2818	N28485	102779	PATTERSON,CA	LUSCOMBE	8A	SERIOUS
3 2819	N3805F	102579	ELSINORE,CA	GREAT LAKES	2T-1A	MINOR
3 2820	N2370H	103179	SAN JOSE,CA	PIPER	PA-18	MINOR
3 2821	N1186K	120879	FORT BIDWELL,CA	LUSCOMBE	8A	NONE
3 2822	N50230	093079	NRAMONA,CA	CESSNA	150	SERIOUS
3 2823	N79384	101379	RAMONA,CA	MOONEY	M20C	MINOR
3 2824	N8667V	080479	ROSAMOND,CA	BELLANCA	8GCBC	NONE
3 2825	N5250	101779	MADERA,CA	GRUMMAN	G-164A	SERIOUS
3 2826	N5602G	092679	OAKLAND,CA	CESSNA	150	NONE
3 2827	N1304Z	111479	LIVERMORE,CA	BEECH	95-55	NONE
3 2828	N5457L	110979	SAN JOSE,CA	AMER AVCO	AA-5	NONE
3 2829	N1555Z	111279	AVALON,CA	PIPER	PA-32	NONE
3 2830	N68816	122479	SAN ANTONIO,TX	CESSNA	152	NONE
3 2831	N22482	030279	BROOMFIELD,CO	BEECH	A-36	MINOR
3 2832	N23ER	032879	DAYTONA BEACH,FL	CESSNA	172	NONE
3 2832	N84ER	032879	DAYTONA BEACH,FL	CESSNA	172	NONE
3 2833	N8611A	111479	CORONA,CA	BEECH	D18S	MINOR
3 2834	N391B	120579	SAN JOSE,CA	BEECH	H35	NONE
3 2835	N4111P	101779	SAN FRANCISCO,CA	AERO COMDR	500	NONE
3 2836	N2404P	071679	NSIERRAVILLE,CA	PIPER	PA-18	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2837	N8669S	102179	MONCKS CORNER,SC	CESSNA	150	NONE
3 2838	N60936	063079	MISSING AIRCRAFT	CESSNA	150J	FATAL
3 2839	N3836C	051779	NTREASURE CAY,BAHM	AERO COMDR	500	NONE
3 2840	N3494M	070179	MISSING AIRCRAFT	PIPER	PA-28	FATAL
3 2841	N8310S	070879	NRENO,NV	WREN	182H	NONE
3 2842	N26273	101979	HOUSTON,TX	GRUM AMER	AA-5A	NONE
3 2843	N6006P	100479	FILLMORE,UT	CESSNA	P210	MINOR
3 2844	N47075	121879	NIDAHO FALLS,ID	AEROSPORT	QUAIL	NONE
3 2845	N571H	112679	NSTANLEY,ID	HILLER ACFT	UH-12E	NONE
3 2846	N8716V	100479	NSAN PEDRO,CA	BELLANCA	8KCAB	NONE
3 2847	N4927T	110479	CHINO,CA	CESSNA	411	NONE
3 2848	N1590S	100579	PRINCEVILLE,HI	BEECH	65-80	NONE
3 2849	N46151	112579	NHOLOLULU,HI	CESSNA	152	NONE
3 2850	N9067E	081579	NMAMMOTH LAKES,CA.	MAULE	M-5	FATAL
3 2851	N4157A	031879	NCASTLE ROCK,CO	CESSNA	310	FATAL
3 2852	N2660S	111479	CANTWELL,AK	CESSNA	185	NONE
3 2853	N5108X	032679	NRUBY,AK	BELLANCA	7GCBC	FATAL
3 2854	N1095F	032879	BETHAL,AK	CESSNA	185	NONE
3 2855	N1095K	112679	BARSTOW,CA	LUSCOMBE	8A	NONE
3 2856	N8970Q	111379	CALIPATRIA,CA	AERO COMDR	S2R	NONE
3 2857	N47749	110979	PRESCOTT,AZ	PIPER	PA-28	NONE
3 2858	N8673F	102379	PHOENIX,AZ	HUGHES	369D	MINOR
3 2859	N9009D	111279	NBULLHEAD CITY,AZ	PIPER	PA-22	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2860	N47921	092479	SHOW LOW,AZ	PIPER	PA-28	NONE
3 2861	N5030F	102779	NCHINO VALLEY,AZ	BELLANCA	8KCAB	FATAL
3 2862	N7583V	100279	NVICKSBURG,AZ	CESSNA	177RG	NONE
3 2863	N7430P	092879	YUMA,AZ	PIPER	PA-24	NONE
3 2864	N6478L	042879	NLABELLE,FL	PIPER	PA-31	FATAL
3 2865	N22434	112379	GALESBURG,IL	CESSNA	T210L	MINOR
3 2866	N33TN	011179	TEMPLETON,MA	PIPER	PA-31	FATAL
3 2866	N8022J	011179	TEMPLETON,MA	AEROSTAR	600	FATAL
3 2867	N201UP	112379	NCOFFEYVILLE,KS	MOONEY	M-20J	FATAL
3 2868	N5364A	072279	NKINGFISHER,OK	CESSNA	T210N	FATAL
3 2869	N234B	101979	NPEARL CITY,HI	BELL	47D1	NONE
3 2870	N26755	092879	URBANA,OH	GRUM AMER	AA-5A	FATAL
3 2871	N7230	032979	WHEELING,IL	BEECH	80	FATAL
3 2872	N6123A	022379	BALTIMORE, MD	PIPER	PA-31T	FATAL
3 2873	N30CR	090979	CHESTERTOWN,MD	CESSNA	320F	NONE
3 2874	N7676E	091479	NCOOPER LANDING,AK	BELLANCA	7GC	FATAL
3 2875	N302RA	070779	NKODIAK,AK	RALLYE	235GT	FATAL
3 2876	N90575	070179	TRAIL CREEK,AK	DEHAVILLAND	DHC-3	NONE
3 2877	N2435F	071379	TOGIAK,AK	CESSNA	180	NONE
3 2878	N9965F	083179	PILOT POINT,AK	SCOTISH AVN	SH-2	NONE
3 2879	N159TA	090979	CHARLESTOWN,NH	PIPER	PA-28	FATAL
3 2880	N10932	092579	HOUSTON,TX	CESSNA	150	FATAL
3 2881	N738FR	090479	PINNACLE,NC	CESSNA	172N	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2882	N563A	090679	SIDNEY,NE	MONG SPORT	MS-2	FATAL
3 2883	N50NB	092179	NBASSETT,NE	BEECH	36	NONE
3 2884	N6496Y	112579	COLUMBUS,NE	PIPER	PA-23	FATAL
3 2885	N56AT	121179	SITKA,AK	INTERSTATE	S1B2	NONE
3 2886	N84627	120679	WRANGELL,AK	CESSNA	185	NONE
3 2887	N2854D	120479	NLACHBUNA LAKE,AK	PIPER	PA-18	NONE
3 2888	N573H	081879	ERIE,PA	ENSTROM	F28C	SERIOUS
3 2889	N60677	081479	PLEASANT HILL,MO	CESSNA	150J	FATAL
3 2890	N7999Z	111679	NSTET,MO	CESSNA	150D	FATAL
3 2891	N3425A	102879	LEE'S SUMMIT,MO	PIPER	PA-22	MINOR
3 2892	N9387L	112079	NNEW BOSTON,MO	AMER AVCO	AA1-A	FATAL
3 2893	N8240S	092079	WEST QUINCY,MO	CESSNA	150F	FATAL
3 2894	N87695	122879	WOODLAND,CA	AIR TRACTOR	AT-301	MINOR
3 2895	N8173L	121079	SACRAMENTO,CA	CESSNA	172	NONE
3 2896	N2663A	120179	NCOLUSA,CA	PIPER	PA-18	NONE
3 2897	N47220	112979	NCOURTLAND,CA.	CESSNA	188	NONE
3 2898	N4728	121579	LEMOORE,CA	GRUMMAN	G-164A	NONE
3 2899	N40BS	111079	SAN DIEGO,CA	SCHWEIZER	1-35	MINOR
3 2900	N521H	121279	WOODLAKE,CA	ENSTROM	F-28A	NONE
3 2901	N1604F	020379	INDEPENDENCE,CA	CESSNA	172	SERIOUS
3 2902	N686W	110879	NPAICINES,CA	BOEING	A75N1	FATAL
3 2903	N3184K	111679	NCOLUSA,CA.	CESSNA	401	NONE
3 2904	N59076	102479	SACRAMENTO,CA	CESSNA	T210L	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2905	N9681K	112679	CHEROKEE VLG,AR	PIPER	PA-28	NONE
3 2906	N4455V	062679	REDLANDS,CA	BEECH	35	FATAL
3 2907	N2315M	112379	NPINE BLUFF,AR	PIPER	PA-12	MINOR
3 2908	N5678S	122179	POCAHONTAS,AR	BEECH	A23	NONE
3 2909	N720JB	071279	BLUE BELL,PA	PIPER	PA-32	NONE
3 2910	N6014E	121779	HOT SPRINGS,AR	BEECH	76	NONE
3 2911	N77CK	120279	N.LITTLE ROCK,AR	PITTS	S-1C	NONE
3 2912	N4424S	081179	TAFT,TX	AIR TRACTOR	AT-301	SERIOUS
3 2913	N9583G	080779	CROCKETT,TX	CESSNA	A188B	NONE
3 2914	N4587R	110279	HOUSTON,TX	PIPER	PA-28	NONE
3 2915	N737HE	110779	NWICHITA FALLS,TX	CESSNA	172	MINOR
3 2916	N89445	082279	WICHITA FALLS,TX	CESSNA	140	NONE
3 2917	N6239C	111179	JONESTOWN,TX	PIPER	PA-28R	MINOR
3 2918	N41914	090979	BISHOP,TX	LUSCOMBE	8C	NONE
3 2919	N1888Q	082679	CHARLESTON,SC	CESSNA	177RG	NONE
3 2920	N8845Q	092479	TUNNEL MEADOWS,CA	CESSNA	185	NONE
3 2921	N27970	110279	HOUSTON,TX	CESSNA	182	SERIOUS
3 2922	N2155L	122379	HOUSTON,TX	BEECH	95-55	NONE
3 2923	N5014X	083079	VAN HORN,TX	AERO-COMDR	S2R	NONE
3 2924	N495C	122079	LA PORTE,TX	MEYERS	200	NONE
3 2925	N4727B	122079	SWEETWATER,TX	CESSNA	152	NONE
3 2926	N5720E	120779	HOUSTON,TX	CESSNA	172N	MINOR
3 2927	N32934	110379	CRANE,TX	PIPER	PA-32	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2928	N910TL	121779	ANGLETON,TX	BEECH	95-A55	NONE
3 2929	N58132	112979	ALICE,TX	BELL	47G-5A	NONE
3 2930	N5968D	081579	ABILENE,TX	PIPER	PA-22	NONE
3 2931	N21977	102179	JACKSONVILLE,TX	REARWIN	9000KR	MINOR
3 2932	N704YV	120479	LLANO,TX	CESSNA	150	NONE
3 2933	N5163J	110179	KATY,TX	CESSNA	340	NONE
3 2934	N7992Y	071279	GRAFORD,TX	PIPER	PA-30	NONE
3 2935	N49190	120779	EAGLE LAKE,TX	CESSNA	152	NONE
3 2936	N24K	101979	COVINGTON, KY	BEECH	H18S	NONE
3 2937	N5018N	100979	LAKE CHARLES,LA	BELL	206L	NONE
3 2938	N5340A	102379	SHREVEPORT,LA	CESSNA	310A	NONE
3 2939	N62267	100379	OPELOUSAS,LA	PIPER	PA-23	NONE
3 2940	N58270	121979	WESTWEGO,LA	HUGHES	369D	NONE
3 2941	N5911M	102579	SHREVEPORT,LA	CESSNA	310P	NONE
3 2942	N7104J	090679	HACKBERRY,LA	BELL	47G-4A	NONE
3 2943	N714LX	110279	RUSTON,LA	CESSNA	150M	MINOR
3 2944	N476AL	112979	NINTRACSTL CITY,LA	SIKORSKY	S-76A	NONE
3 2945	N321HF	120579	CAMERON,LA	PIPER	PA-32	NONE
3 2946	N11811	090379	NJENA,LA	BELLANCA	17-30	NONE
3 2947	N51BC	112479	NMORGAN CITY,LA	CESSNA	185	NONE
3 2948	N4857X	112779	VINTON,LA	AERO-COMDR	S2R	NONE
3 2949	N6933	111979	SAND SPRINGS,OK	BENSON	B8M	FATAL
3 2950	N3575	091279	ARDMORE,OK	BELL	47D1	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 2951	N2332L	093079	WAUKOMIS,OK	BEECH	23	MINOR
3 2952	N6194M	100979	HENRYETTA,OK	MAULE	M-5	NONE
3 2953	N51624	122679	VINITTA,OK	MAULE	M-5	MINOR
3 2954	N3927X	110479	BOONE,NC	PIPER	PA-28	NONE
3 2955	N49410	102779	CARROLLTON,OH	CESSNA	152	NONE
3 2956	N1162Y	111579	BOULDER CITY,NV.	CESSNA	150B	NONE
3 2957	N3593Z	110779	NWELLS,NV.	AEROSPATILE	315B	NONE
3 2958	N3716F	072179	VERSAILLES,KY	GREAT LAKES	2T-1A	FATAL
3 2959	N5894Z	092679	PORT ROYAL,VA	PIPER	PA-22	NONE
3 2960	N16129	120979	MAQUOKETA,IA	CESSNA	150	NONE
3 2961	N2854N	102079	VASSAR,MI	CESSNA	120	FATAL
3 2962	N15029	091679	NALMA,GA	PIPER	PA-28	FATAL
3 2963	N11593	092079	GAITHERSBURG,MD	CESSNA	150	MINOR
3 2964	N6014C	083079	ANNAPOLIS,MD	CESSNA	182RG	NONE
3 2965	N13CA	100879	CRESTED BUTTE,CO	BRITTNORMAN	BN2A-9	SERIOUS
3 2966	N281M	062979	SLATINGTON,PA	BEECH	C45H	MINOR
3 2967	N3529U	081279	MUNDS PARK,AZ	CESSNA	182F	SERIOUS
3 2968	N652A	082179	NPAULS VALLEY,OK	PIPER	PA-22	NONE
3 2969	N59200	090579	GARDEN CITY,KS	CESSNA	210L	FATAL
3 2970	N145DC	110479	PACIFIC OCEAN	BEECH	C-45H	FATAL
3 2971	N6071M	082379	SANTA YNEZ,CA	AEROSTAR	601P	NONE
3 2972	N9524T	120779	NMALAD CITY,ID	CESSNA	210	FATAL
3 2973	N31929	120879	MOUNTAIN HOME,ID	AERONCA	65-CA	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2974	N6255H	061179	PLATINUM,AK	CESSNA	207	NONE
3 2975	N43257	120479	NGRAYLING,AK	PIPER	PA-18	FATAL
3 2976	N6038Y	112579	NWEST CHICAGO,IL	BEECH	76	MINOR
3 2977	N51759	120779	NPORT MANSFIELD,TX	ENSTROM	F-28C	NONE
3 2978	N2543	071779	NWARREN,OH	PITTS	S1	FATAL
3 2979	N5349P	091279	NSTEUBENVILLE,OH	PIPER	PA-24	NONE
3 2980	N9032A	111879	NCOLUMBUS,OH	CESSNA	170A	NONE
3 2981	N2440	091279	KINGS MILLS,OH	ENSTROM	F-28A	FATAL
3 2982	N64932	100679	BUTLER PA	CESSNA	152	NONE
3 2983	N5826G	062479	COATESVILLE,PA	CESSNA	150	NONE
3 2984	N7470	090779	E STROUDSBURG,PA	BOEING	B75N1	NONE
3 2985	N7FB	091779	GREENVILLE,PA	TEENIE	2	MINOR
3 2986	N321TT	112179	NYAKIMA,WA	CESSNA	T210M	FATAL
3 2987	N34948	101879	NEPHRATA,WA	CESSNA	177RG	FATAL
3 2988	N222NT	091779	NVANCOUVER,WA	ENSTROM	280C	NONE
3 2989	N14465	111479	NGRASS VALLEY,ID	CESSNA	R172E	MINOR
3 2990	N4825X	121079	ALOHA,OR	CESSNA	150G	SERIOUS
3 2991	N7605N	113079	HILLSBORO,OR	BEECH	36	NONE
3 2992	N67500	112379	NEWBERG,OR	CESSNA	152	MINOR
3 2993	N67H	072879	WARM SPGS RES,OR	HILLER ACFT	UH-12E	MINOR
3 2994	N196BC	110179	ELGIN,OR	CESSNA	TU206F	NONE
3 2995	N7090V	112879	NGRASS VALLEY,OR	MOONEY	M20C	FATAL
3 2996	N1316G	111279	SALEM,OR	CESSNA	T310R	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2997	N5340	071179	NHERMISTON,OR	GRUMMAN	G-164A	NONE
3 2998	N74472	082979	CONDON,OR	GRUM-AMER	AA-5B	NONE
3 2999	N6212N	110779	NAMITY,OR	BELL	206A	NONE
3 3000	N14703	121879	NVIROQUA,WI	BELLANCA	17-30A	NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2853	3/26/79 TIME - UNK/NR	NR.RUBY,AK	BELLANCA 7GCBC N5108X DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 17, 115 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  RUBY,AK
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
  WEATHER - LOW CEILING
  WEATHER - SNOW
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
  OTHER
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
  UNKNOWN/NOT REPORTED
REMARKS- FILED FLIGHT PLAN WITH LOCAL OPERATIONS.RECOVERY DATE 3/27/79.158LBS OVER MAX GWT.

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2854	3/28/79 TIME - 1100	BETHAL.AK	CESSNA 185 N1095F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 6000 TOTAL HOURS, 2600 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BETHEL
DEPARTURE POINT
PILOT POINT.AK
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED

INTENDED DESTINATION
BETHAL.AK

PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2806	5/19/79 TIME - 0920	NR.KUSTATAN.AK.	CESSNA 206 N29029 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 163 TOTAL HOURS, 28 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KENAI
DEPARTURE POINT
ANCHORAGE.AK.
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN

INTENDED DESTINATION
KENAI.AK.

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS.CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS.CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - ROUGH/UNEVEN
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
240
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
46
WIND VELOCITY-KNOTS
7
TYPE OF FLIGHT PLAN
NONE

REMARKS- PLT & PAX ON FISHING TRIP.PLT STATED-FORCED LNDG IN OPEN AREA NR KUSTATAN RVR.

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES       FLIGHT                         PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2974  6/11/79     PLATINUM,AK           CESSNA 207         CR-  0  0  1  COMMERCIAL                  COMMERCIAL, FL.INSTR.,
        TIME - 1855                       N6255H             PX-  0  0  0  COMMUTER AIR CARRIER        AGE 28, 1175 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL               AIR TAXI-CARGO S-D          205 IN TYPE, INSTRUMENT
        DEPARTURE POINT                INTENDED DESTINATION                                            RATED.
          PLATINUM,AK                    QUINHAGAK,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  MASTER AND CONNECTING RODS
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- NO 3 ROD FAILED AT CRANKSHAFT ATCH END.THREADS STRIPPED ON 1 BOLT.OTHER BOLT NOT FND.HOLE IN ENG.

3-2810  7/1/79   NR.ANCHORAGE,AK          BELLANCA 8GCBC     CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE UNK/NR, 550
        TIME - 1200                       N5051U             PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 39 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - ALEXANDER LODGE
        DEPARTURE POINT                INTENDED DESTINATION
          WASSILLA,AK                    ANCHORAGE,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                   LANDING  ROLL
          COLLIDED WITH  OBJECT                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIDDEN HAZARD
        REMARKS- L WHEEL HIT SOFT SPOT ON RWY.L WING COLLIDED W LOG NR RWY.

3-2876  7/1/79      TRAIL CREEK,AK        DEHAVILLAND DHC-3  CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE UNK/NR,
        TIME - 1600                       N90575             PX-  0  0  0  AIR TAXI-CARGO              3500 TOTAL HOURS, 1000 IN
                                          DAMAGE-SUBSTANTIAL                                           TYPE, NOT INSTRUMENT
        DEPARTURE POINT                INTENDED DESTINATION                                            RATED.
          KOTZEBUE,AK                    TRAIL CREEK,AK
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          OVERSHOOT                                                  LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                             LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2875	7/7/79 TIME - 1749	NR.KODIAK,AK	RALLYE 235GT N302RA DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 42, UNK/NR TOTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ANCHORAGE,AK
INTENDED DESTINATION
KODIAK,AK
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
DITCHING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- PLT REPORTED LOSS OF OIL PRESSURE.ACFT NOT RECOVERED.INJURIES PRESUMED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2877	7/13/79 TIME - 1900	TOGIAK,AK	CESSNA 180 N2435F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 3960 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TOGIAK CANNERY
DEPARTURE POINT
DILLINGHAM,AK
INTENDED DESTINATION
TOGIAK,AK
TYPE OF ACCIDENT
OVERSHOOT
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
REMARKS- AIRSTRIP IS PRIVATE - UNATTENDED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2878	8/31/79 TIME - 1540	PILOT POINT,AK	SCOTISH AVN SH-2 N9965F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, AGE 29, 2506 TOTAL HOURS, 29 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PILOT POINT
DEPARTURE POINT: PILOT POINT,AK
INTENDED DESTINATION: NAKNEK,AK
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION: OVERCAST
CEILING AT ACCIDENT SITE: 1000
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES: 160
WIND VELOCITY-KNOTS: 15
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
FIRE AFTER IMPACT
REMARKS- WIND GUSTING 20K.HAULING FISH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2807	9/4/79 TIME - 1600	NR.PALMER.AK.	PIPER PA-22 N8666D DAMAGE-DESTROYED	CR- 0 1 0 PX- 1 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 53, 871 TOTAL HOURS, 210 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - VICTORY BIBLE CMP
DEPARTURE POINT: PALMER,AK
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL
PHASE OF OPERATION: IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- PASSENGERS TAKING PICTURES OF CABIN ON SIGHTSEEING FLIGHT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2874	9/14/79 TIME - 1820	NR.COOPER LANDING,AK	BELLANCA 7GC N7676F DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 2000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
UNKNOWN/NOT REPORTED
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
TURBULENCE
STALL
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - TURBULENCE IN FLIGHT,CLEAR AIR
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
BROKEN
CEILING AT ACCIDENT SITE
2500
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- FLOAT EQUIPPED.WX-MOD TO SEVERE TURB BELOW 4000FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2808	10/4/79 TIME - 1500	FAIRBANKS,AK	TAYLORCRAFT BC12-D N44352 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 34, 295 TOTAL HOURS, 71 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT
FAIRBANKS,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
90
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- GUSTS TO 20 KNOTS

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
52
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2811	10/27/79 TIME - 1200	NR.MCGRATH,AK	PIPER PA-18 N34777 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 340 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MCGRATH,AK
INTENDED DESTINATION
DENNY CREEK,AK.
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
REMARKS- TIGHTENED TURN AFTER SPOTTING COYOTE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2809	10/31/79 NR.SKWENTNA,AK TIME - 1500		STINSON 108-3 N6325M DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 490 TOTAL HOURS, 430 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHULIN LAKE
DEPARTURE POINT: ANCHORAGE,AK
INTENDED DESTINATION: RETURN
LAST ENROUTE STOP: SKWENTNA,AK
TYPE OF ACCIDENT: COLLIDED WITH DITCHES
PHASE OF OPERATION: TAKEOFF ABORTED

PROBABLE CAUSE(S)
- PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
- PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF

FACTOR(S)
- AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY
- MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2804	11/6/79 TIME - 1100	ANCHORAGE,AK	PIPER J5A N35818 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 2058 TOTAL HOURS, 1658 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SKY HARBOR
DEPARTURE POINT: ANCHORAGE,AK
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
- PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS

FACTOR(S)
- PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
- PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
- WEATHER - TURBULENCE IN FLIGHT,CLEAR AIR
- WEATHER - UNFAVORABLE WIND CONDITIONS

WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION: SCATTERED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 50
WIND VELOCITY-KNOTS: 25
TYPE OF FLIGHT PLAN: NONE
CEILING AT ACCIDENT SITE: UNLIMITED
PRECIPITATION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES: 145
TYPE OF WEATHER CONDITIONS: VFR
REMARKS- GUSTS TO 35KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2852	11/14/79 TIME - 0900	CANTWELL,AK	CESSNA 185 N2660S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 36, 3019 TOTAL HOURS, 167 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GOLDEN NORTH
DEPARTURE POINT
CANTWELL,AK
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
KANTISHNA,AK
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE
REMARKS- RWY 2095FT LONG COVERED W 1&1/2FT PACKED SNOW MARRED BY RUTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2805	12/1/79 TIME - 1100	NR.MINTO,AK	PIPER PA-18 N8918L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 531 TOTAL HOURS, 54 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
FAIRBANKS,AK
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
MINTO,AK
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
REMARKS- WHILE STILL AT SLOW SPEED.ACFT STALLED WHEN PLT DROPPED WING TO SEE SOMETHING ON GND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2887	12/4/79 TIME - 1030	NR.LACHBUNA LAKE,AK	PIPER PA-18 N2854D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 31, 2015 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BUSH STRIP
DEPARTURE POINT
KENAI,AK
INTENDED DESTINATION
RETURN.
LAST ENROUTE STOP
LACHBUNA LAKE,AK
TYPE OF ACCIDENT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
REMARKS- ACFT OPERATING FRM GRAVEL BAR APPROX 600FT IN LENGTH BUT CURVED. ACFT HIT RIVER EMBANKMENT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2975	12/4/79 TIME - UNK/NR	NR.GRAYLING,AK	PIPER PA-18 N43257 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 25, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GRAYLING,AK
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
FIELD SITE
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2886	12/6/79 TIME - 1545	WRANGELL,AK	CESSNA 185 N84627 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 48, 6700 TOTAL HOURS, 2300 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WRANGELL SEAPLANE
DEPARTURE POINT
BRADFIELD CANAL
INTENDED DESTINATION
WRANGELL,AK
TYPE OF ACCIDENT
WHEELS-DOWN LANDING IN WATER
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
REMARKS- AMPHIBIOUS/FLOAT EQUIPPED.L MAIN GEAR,PISTON ROD UNSCREWED FROM UPPER SHOCK STRUT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2885	12/11/79 TIME - 1330	SITKA,AK	INTERSTATE S1B2 N56AT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 59, 6658 TOTAL HOURS, 564 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SITKA SEAPLANE
DEPARTURE POINT
SITKA,AK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- FLOAT EQUIPPED.COURSE SNOW & ICE NOT COMPLETELY REMOVED FROM AERODYNAMIC SURFACES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2778	5/5/79 TIME - 1505	NR.JULIAN,CA	BEECH D-50 N16MM DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 800 TOTAL HOURS, 28 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BUTTERFIELD RANCH
DEPARTURE POINT
BUTTERFIELD RANCH,CA
INTENDED DESTINATION
SAN DIEGO,CA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
SCATTERED
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
68
WIND DIRECTION-DEGREES
240
WIND VELOCITY-KNOTS
40
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- WINDS AT MTN PEAKS GUSTING TO 60KTS.ACFT OBSERVED TO CLIMB OUT DIRECT TO MTN RIDGE 3200FT ABV ARPT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2776	7/8/79 TIME - 2000	NR.CASA GRANDE,AZ	FAIRCHILD C119L N1040E DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL OTHER	COMMERCIAL, AGE 37, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.

DEPARTURE POINT
CHANDLER,AZ
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
LAST ENROUTE STOP
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
POWERPLANT - ENGINE STRUCTURE PISTON,PISTON RINGS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- LANDED IN OPEN FIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2774	7/18/79 TIME - 1630	NR.CHINLE,AZ	CESSNA 206 N29152 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 41, 1750 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  KAYENTA,AZ
INTENDED DESTINATION
  GALLUP,NM
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
  WEATHER - LOW CEILING
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  BROKEN
VISIBILITY AT ACCIDENT SITE
  2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TYPE OF FLIGHT PLAN
  VFR
CEILING AT ACCIDENT SITE
  500
PRECIPITATION AT ACCIDENT SITE
  RAIN
TYPE OF WEATHER CONDITIONS
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2775	8/3/79 TIME - 1835	GRAND CANYON,AZ	BELL 206B N8533F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 2136 TOTAL HOURS, 1229 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  TUSAYAN,AZ
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  HARD LANDING
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
  POWERPLANT - FUEL SYSTEM PUMP,FUEL
  MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
  WEATHER - UNFAVORABLE WIND CONDITIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  270
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  78
WIND VELOCITY-KNOTS
  5
TYPE OF FLIGHT PLAN
  NONE
REMARKS- ENG DRIVEN FUEL PUMP DRSHFT SPLINES & PUMP SPLINES WORN.SUNDSTRAND 024918-104,S/N PE 3232.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2967	8/12/79 TIME - 1425	MUNDS PARK,AZ	CESSNA 182F N3529U DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 1249 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PROVO,UT
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED

INTENDED DESTINATION
PRESCOTT,AZ

LAST ENROUTE STOP
FLAGSTAFF,AZ
PHASE OF OPERATION
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1/2 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
WIND DIRECTION-DEGREES
240
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
300
PRECIPITATION AT ACCIDENT SITE
RAIN
TEMPERATURE-F
60
WIND VELOCITY-KNOTS
20
TYPE OF FLIGHT PLAN
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2812	8/16/79 TIME - 1500	SPRINGERVILLE,AZ	CESSNA 182O N97381 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 26, 106 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SPRNGRVILLE MUNI
DEPARTURE POINT
PHOENIX,AZ
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN

INTENDED DESTINATION
SPRINGERVILLE,AZ

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER - THUNDERSTORM ACTIVITY

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT CROSS WIND 248-292 DEGREES
TYPE OF FLIGHT PLAN
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2814	8/24/79	NR.PAGE.AZ	CESSNA 150	CR- 0 0 1	NONCOMMERCIAL	PRIVATE, AGE 47, 280
	TIME - 1127		N6142G	PX- 0 0 1	BUSINESS	TOTAL HOURS, 27 IN TYPE,
			DAMAGE-SUBSTANTIAL			NOT INSTRUMENT RATED.

DEPARTURE POINT
SANTA FE,NM
INTENDED DESTINATION
CEDAR CITY,UT
LAST ENROUTE STOP
PAGE,AZ
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - SANDY
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2813	8/27/79	ELFRIDA.AZ	BEECH S35	CR- 0 0 1	NONCOMMERCIAL	PRIVATE, AGE 30, 414
	TIME - 1500		N7988K	PX- 0 0 2	BUSINESS	TOTAL HOURS, 49 IN TYPE,
			DAMAGE-SUBSTANTIAL			INSTRUMENT RATED.

NAME OF AIRPORT - ELFRIDA
DEPARTURE POINT
GLENDALE,AZ
INTENDED DESTINATION
ELFRIDA,AZ
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)
POWERPLANT - FUEL SYSTEM SELECTOR VALVES
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - BINDING
REMARKS- UNSECURED FUEL LINE WEDGED BETWEEN THROTTLE VLV ARM & ENG OIL SUMP.UN REDUCE PWR FRM HI-RPM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2860	9/24/79	SHOW LOW.AZ	PIPER PA-28	CR- 0 0 1	INSTRUCTIONAL	STUDENT, AGE 42, 17 TOTAL
	TIME - 1240		N47921	PX- 0 0 0	SOLO	HOURS, ALL IN TYPE, NOT
			DAMAGE-SUBSTANTIAL			INSTRUMENT RATED.

NAME OF AIRPORT - SHOW LOW
DEPARTURE POINT
SHOW LOW,AZ
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH DITCHES
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2863	9/28/79 TIME - 2000	YUMA,AZ	PIPER PA-24 N7430P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 454 TOTAL HOURS, 374 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - YUMA INTL
DEPARTURE POINT: PRESCOT,AZ
INTENDED DESTINATION: YUMA,AZ
TYPE OF ACCIDENT: WHEELS-UP
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - CIRCUIT BREAKER POPPED
SYSTEMS - ELECTRICAL SYSTEM AMMETERS/VOLTMETERS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- MAIN GENERATOR CKT BREAKER POPPED,AMMETER-INOP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2816	9/28/79 TIME - 1700	SAFFORD,AZ	PIPER PA-36 N57759 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 28, 2000 TOTAL HOURS, 478 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SAFFORD
DEPARTURE POINT: SAFFORD,AZ
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; COLLIDED WITH DIRT BANK
PHASE OF OPERATION: IN FLIGHT SWATH RUN; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CYLINDER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1200
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 3000
KIND OF OPERATION - DEFOLIATION (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM
REMARKS- NO 3 CYL HEAD FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2862	10/2/79 TIME - 1645	NR.VICKSBURG.AZ	CESSNA 177RG N7583V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 274 TOTAL HOURS, 88 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CROWDER RANCH
DEPARTURE POINT — VICKSBURG.AZ
INTENDED DESTINATION — SAN DIEGO.CA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - LOOSE GRAVEL

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
100
WIND VELOCITY-KNOTS
4
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES
345
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- DIRT AND GRAVEL RWY.DENSITY ALT APRX 4500FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2858	10/23/79 TIME - 1345	PHOENIX.AZ	HUGHES 369D N8673F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 38, 465 TOTAL HOURS, 160 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GILA RVR HELIPORT
DEPARTURE POINT — MESA.AZ
INTENDED DESTINATION — PHOENIX.AZ
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
ROLL OVER
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - TURBINE ASSEMBLY SEALS.AIR-OIL
MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- 3 ENG TURBINE SEALS & ALL TURBINE BEARINGS FAILED IN ALLISON 250-C20B.CAE 8307479

BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION              AIRCRAFT DATA        INJURIES        FLIGHT                              PILOT DATA
                                                                F  S M/N        PURPOSE

3-2861 10/27/79 NR.CHINO VALLEY,AZ     BELLANCA 8KCAB      CR-  1  0  0  MISCELLANEOUS                  COMMERCIAL, FL.INSTR.,
       TIME - 1640                     N5030F              PX-  0  0  0  DEMONSTRATION                  AGE 37, 5790 TOTAL HOURS,
                                       DAMAGE-DESTROYED                                                 UNK/NR IN TYPE, INSTRU-
       NAME OF AIRPORT - EDWARDSON STRIP                                                                MENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        CHINO VALLEY,AZ                LOCAL
       TYPE OF ACCIDENT
         COLLISION WITH GROUND/WATER  CONTROLLED                 PHASE OF OPERATION
                                                                   IN FLIGHT  ACROBATICS
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

3-2857 11/9/79     PRESCOTT,AZ          PIPER PA-28        CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 19, 66 TOTAL
       TIME - 0800                      N47749             PX-  0  0  3  PLEASURE/PERSONAL TRANSP       HOURS, 28 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         PROVO,UT                      GLENDALE,AZ
       TYPE OF ACCIDENT
         COLLIDED WITH  OBJECT                                   PHASE OF OPERATION
                                                                   LANDING  ROLL
       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
       EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
                                 PHYSICAL CONDITION OF PASSENGER
       REMARKS- UNCONSCIOUS PAX.WINGS COLLIDED W HIGHWAY EDGE MARKERS DRG EMERG LNDG.

3-2859 11/12/79 NR.BULLHEAD CITY,AZ    PIPER PA-22        CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 30, 1000
       TIME - 1215                      N9009D             PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 320 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - MINING STRIP
       DEPARTURE POINT               INTENDED DESTINATION
        BULLHEAD CITY,AZ               LOCAL
       TYPE OF ACCIDENT
         GEAR COLLAPSED                                          PHASE OF OPERATION
                                                                   LANDING  ROLL
       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         AIRFRAME - LANDING GEAR  MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
         MISCELLANEOUS ACTS,CONDITIONS - POOR WELD
       REMARKS- IMPROPER WELD FAILED ALLOWING LEFT MAIN GEAR TO COLLAPSE.CONV GEAR INSTALLED IAW STC-SA 45RM.
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FILE    DATE          LOCATION              AIRCRAFT DATA         INJURIES      FLIGHT                               PILOT DATA
                                                                   F  S M/N     PURPOSE

3-2815  11/14/79   WINSLOW,AZ             PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 49, 274
        TIME - 1920                       N6332J               PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 128 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WINSLOW MUNI
        DEPARTURE POINT                 INTENDED DESTINATION
          MESA,AZ                         WINSLOW,AZ
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          UNDERSHOOT                                                LANDING  FINAL APPROACH
          COLLIDED WITH  DIRT BANK                                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        FACTOR(S)
          WEATHER - DOWNDRAFT,UPDRAFTS
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
          NONE                                                      RIGHT QUARTERING HEAD WIND 023-067 DEGREES
        TEMPERATURE-F                                             WIND DIRECTION-DEGREES
          66                                                        250
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          6                                                         VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- COLLIDED W EDGE OF DRAINAGE WASH NR LIP OF OVRN.


3-2907  11/23/79 NR.PINE BLUFF,AR         PIPER PA-12          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 38, 298
        TIME - 1100                       N2315M               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 259 IN TYPE,
                                          DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          PINE BLUFF,AR                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                        PILOT DATA
                                                                 F  S M/N     PURPOSE

3-2905 11/26/79  CHEROKEE VLG.AR       PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 47, 169
       TIME - 1650                     N9681K               PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 28 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - CHEROKEE VILLAGE
       DEPARTURE POINT              INTENDED DESTINATION
         CHEROKEE VLG.AR              LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         UNDERSHOOT                                                LANDING  FINAL APPROACH
         GEAR COLLAPSED                                            LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
       FACTOR(S)
         MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE


3-2911 12/2/79    N.LITTLE ROCK.AR     PITTS S-1C           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 30, 246
       TIME - 1530                     N77CK                PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 5 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - N.LITTLE ROCK MUN
       DEPARTURE POINT              INTENDED DESTINATION
         N.LITTLE ROCK.AR             LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         WEATHER - UNFAVORABLE WIND CONDITIONS
         MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         CLEAR                                                     UNLIMITED
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                      NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   RELATIVE BEARING OF WIND
         NONE                                                      RIGHT CROSS WIND 068-112 DEGREES
       TEMPERATURE-F                                             WIND DIRECTION-DEGREES
         48                                                        90
       WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
         10                                                        VFR
       TYPE OF FLIGHT PLAN
         NONE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2910	12/17/79 TIME - 1810	HOT SPRINGS,AR	BEECH 76 N6014F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL TRAINING	COMMERCIAL, FL.INSTR., AGE 28, 1749 TOTAL HOURS, 415 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MEMORIAL
DEPARTURE POINT — INTENDED DESTINATION
LITTLE ROCK,AR — HOT SPRINGS,AR
TYPE OF ACCIDENT — PHASE OF OPERATION
WHEELS-UP — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
DUAL STUDENT - FAILED TO EXTEND LANDING GEAR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2908	12/21/79 TIME - 1145	POCAHONTAS,AR	BEECH A23 N5678S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 1015 TOTAL HOURS, 623 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - POCAHONTAS
DEPARTURE POINT — INTENDED DESTINATION
CONWAY,AR — POPLAR BLUFF,MO
TYPE OF ACCIDENT — PHASE OF OPERATION
OVERSHOOT — LANDING LEVEL OFF/TOUCHDOWN
COLLIDED WITH DITCHES — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
ADVERSE/UNFAVORABLE WEATHER

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2901	2/3/79 TIME - 1310	INDEPENDENCE,CA	CESSNA 172 N1604F DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 63, 100 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - INDEPENDENCE
DEPARTURE POINT
INDEPENDENCE,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
35
WIND VELOCITY-KNOTS
5
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES
320
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- FULL FLAP TKOF.D/A 3100FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2786	4/15/79 TIME - 1853	NR.BIG BEAR CITY,CA	CESSNA 170B N1409C DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 199 TOTAL HOURS, 99 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MESA,AZ
INTENDED DESTINATION
FREMONT,CA
LAST ENROUTE STOP
CALIFORNIA CITY,CA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2781	5/8/79 TIME - 1010	NR.LA POSTA.CA	PIPER PA-32 N47534 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 487 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  YUMA.AZ
INTENDED DESTINATION
  SAN DIEGO.CA
TYPE OF ACCIDENT
  STALL SPIN
PHASE OF OPERATION
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
  WEATHER - LOW CEILING
  WEATHER - RAIN
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
  ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  500
VISIBILITY AT ACCIDENT SITE
  2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
  DRIZZLE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TEMPERATURE-F
  47
WIND DIRECTION-DEGREES
  250
WIND VELOCITY-KNOTS
  11
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  NONE
REMARKS- AVOIDING PWR LINES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2780	5/14/79 TIME - 2121	LONG BEACH,CA	PIPER PA-28 N2383T DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 1545 TOTAL HOURS, 827 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LONG BEACH MUNI
DEPARTURE POINT — MARYSVILLE,CA
INTENDED DESTINATION — LONG BEACH,CA
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - FOG
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  OBSCURATION
VISIBILITY AT ACCIDENT SITE
  2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
WIND DIRECTION-DEGREES
  150
TYPE OF WEATHER CONDITIONS
  IFR
FIRE AFTER IMPACT

CEILING AT ACCIDENT SITE
  200
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  55
WIND VELOCITY-KNOTS
  8
TYPE OF FLIGHT PLAN
  TOWER EN ROUTE CONTROL SERVICE

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FILE   DATE          LOCATION           AIRCRAFT DATA      INJURIES      FLIGHT                            PILOT DATA
                                                            F  S M/N     PURPOSE

3-2777 6/3/79   NR.OCEANSIDE.CA        PIPER PA-28       CR-  1  0  0  NONCOMMERCIAL               ATP,FLIGHT INSTR., AGE
       TIME - 1614                     N4695T            PX-  1  0  0  PLEASURE/PERSONAL TRANSP    66, 4817 TOTAL HOURS, 162
                                       DAMAGE-DESTROYED                                            IN TYPE, INSTRUMENT
                                                                                                   RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         CARLSBAD,CA                  NAPA,CA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                     IN FLIGHT  CLIMB TO CRUISE

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
         WEATHER - THUNDERSTORM ACTIVITY
         MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
       WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                               CEILING AT ACCIDENT SITE
         BROKEN                                                      500
       VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
         4 MILES OR LESS                                             RAIN SHOWERS
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
         HAZE                                                        68
       WIND DIRECTION-DEGREES                                      WIND VELOCITY-KNOTS
         250                                                         8
       TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
         IFR                                                         IFR
       REMARKS- AIRCRAFT ON ACTUAL INST DEPARTURE.RATCF LOST RADAR AND RADIO CONTACT 5 MIN AFTER T/O.


3-2906 6/26/79    REDLANDS.CA          BEECH 35          CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 62, 960
       TIME - 1555                     N4455V            PX-  1  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 850 IN TYPE,
                                       DAMAGE-DESTROYED                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - REDLANDS MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         REDLANDS,CA                  EL MONTE,CA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         STALL  SPIRAL                                               LANDING  TRAFFIC PATTERN-CIRCLING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FIRE AFTER IMPACT
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                               F  S M/N      PURPOSE
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3-2782  7/11/79    BURMUDA DUNES.CA     PIPER PA-32         CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 41, 680
        TIME - 2310                     N15325              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 670 IN TYPE,
                                        DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BURMUDA DUNES
        DEPARTURE POINT               INTENDED DESTINATION
          EL MONTE.CA                   BURMUDA DUNES.CA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                 LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
          MISCELLANEOUS ACTS.CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          CLEAR                                                      UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
          NONE                                                       80
        WIND DIRECTION-DEGREES                                     WIND VELOCITY-KNOTS
          310                                                        10
        TYPE OF WEATHER CONDITIONS                                 TYPE OF FLIGHT PLAN
          VFR                                                        NONE
        REMARKS- POWER POLES.WIND GUSTING 20K.BLOOD ALCOHOL 0.19%


3-2836  7/16/79  NR.SIERRAVILLE.CA     PIPER PA-18         CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 66, 2500
        TIME - 1000                    N2404P              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 700 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          BECKWOURTH.CA                SIERRAVILLE.CA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                 LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        REMARKS- COLLIDED W PWR LINES & POLE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2824	8/4/79 TIME - 1030	ROSAMOND,CA	BELLANCA 8GCBC N8667V DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 40, 768 TOTAL HOURS, 50 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ROSAMOND
DEPARTURE POINT: ROSAMOND,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: NOSE OVER/DOWN
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
REMARKS- INADVERTANT APPLICATION OF BRAKES BY ONE OF THE TWO PILOTS DURING LNDG ROLL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2785	8/11/79 TIME - 1430	NR.HAMILTON CITY,CA	CESSNA 305A N5191G DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	INSTRUCTIONAL TRAINING	PRIVATE, AGE 27, 300 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: CHICO,CA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
FIRE AFTER IMPACT

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                               F  S M/N     PURPOSE

3-2850 8/15/79  NR.MAMMOTH LAKES.CA.  MAULE M-5          CR-  1  0  0  MISCELLANEOUS             PRIVATE, AGE 37, 926
       TIME - 1535                    N9067F             PX-  1  0  0  SEARCH AND RESCUE         TOTAL HOURS, 542 IN TYPE,
                                      DAMAGE-DESTROYED                                           NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
         INDEPENDENCE,CA.             INDEPENDENCE,CA.              MAMMOTH LAKES,CA.
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         STALL  MUSH                                                IN FLIGHT  OTHER
         COLLIDED WITH  TREES                                       IN FLIGHT  OTHER

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
       FACTOR(S)
         WEATHER - DOWNDRAFT,UPDRAFTS
         WEATHER - HIGH DENSITY ALTITUDE
         TERRAIN - HIGH OBSTRUCTIONS
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                              CEILING AT ACCIDENT SITE
         BROKEN                                                     13000
       VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                       NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
         NONE                                                       45
       TYPE OF WEATHER CONDITIONS                                 TYPE OF FLIGHT PLAN
         VFR                                                        NONE
       FIRE AFTER IMPACT
       REMARKS- SHERIFF PATROL ON SEARCH & RESCUE MISSION.CRASHED IN BASIN AT END OF CANYON.O/A APRX 11,500FT.


3-2971 8/23/79    SANTA YNEZ,CA       AEROSTAR 601P      CR-  0  0  1  MISCELLANEOUS             COMMERCIAL, AGE 35, 2019
       TIME - 1700                    N60714             PX-  0  0  3  DEMONSTRATION             TOTAL HOURS, UNK/NR IN
                                      DAMAGE-SUBSTANTIAL                                         TYPE, NOT INSTRUMENT
                                                                                                 RATED.
       NAME OF AIRPORT - SANTA YNEZ
       DEPARTURE POINT              INTENDED DESTINATION
         SANTA BARBARA,CA             SANTA YNEZ,CA
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         HARD LANDING                                               LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                             LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2784	8/30/79 TIME - 1100	SAN JOSE,CA	CESSNA TP210G N630WF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 50, 8393 TOTAL HOURS, 819 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SAN JOSE MUNI
DEPARTURE POINT INTENDED DESTINATION
SAN JOSE,CA UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT PHASE OF OPERATION
COLLIDED WITH BUILDING(S) TAXI OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
REMARKS- HAND PROPPING,MAGS INADVTLY LEFT ON.HIT HANGAR,TRUCK,SABERLINER N73HP,MINOR DMG

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2783	9/1/79 TIME - 1425	VISALIA,CA	CESSNA 180 N3293D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, 741 TOTAL HOURS, 123 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GREEN ACRES
DEPARTURE POINT INTENDED DESTINATION
BAKERSFIELD,CA VISALIA,CA
TYPE OF ACCIDENT PHASE OF OPERATION
NOSE OVER/DOWN LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2779	9/12/79 TIME - 1429	CRYSTAL CITY,CA	BRIEGLAB 12BD N1752 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 250 TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CRYSTAL GLIDER
DEPARTURE POINT INTENDED DESTINATION
TEHACHAPI,CA CRYSTAL CITY,CA
TYPE OF ACCIDENT PHASE OF OPERATION
UNDERSHOOT LANDING FINAL APPROACH
COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
90
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- WIND GUSTING 30K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2773	9/23/79 TIME - 0900	NR.GREENFIELD,CA	BELL 47G2 N5783 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 35, 6000 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GREENFIELD,CA
INTENDED DESTINATION
GREENFIELD,CA
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
HARD LANDING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
ROTORCRAFT - ROTOR ASSEMBLIES OTHER
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
TERRAIN - WET,SOFT GROUND
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- STABILIZER BAR FAILED IN FLIGHT,NOT FOUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2920	9/24/79 TIME - 1205	TUNNEL MEADOWS,CA	CESSNA 185 N88450 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 36, 1870 TOTAL HOURS, 270 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TUNNEL AIR CAMP
DEPARTURE POINT
TUNNEL MEADOWS,CA
INTENDED DESTINATION
LONE PINE,CA
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - SUDDEN WINDSHIFT
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
270
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
58
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
VFR
REMARKS- WIND SHIFTED FROM WEST TO EAST DURING TAKEOFF ROLL. PEAK GUSTS TO 25 KTS.D/A APRX 11,400FT.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                    PILOT DATA
                                                              F  S M/N     PURPOSE

3-2826  9/26/79    OAKLAND,CA          CESSNA 150          CR-  0  0  1  INSTRUCTIONAL           STUDENT, AGE 31, 25 TOTAL
        TIME - 1130                    N5602G              PX-  0  0  0  SOLO                    HOURS, 21 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                        INSTRUMENT RATED.
        NAME OF AIRPORT - METRO-OAKLAND INT
        DEPARTURE POINT              INTENDED DESTINATION
          OAKLAND,CA                   LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                               LANDING  ROLL
          COLLIDED WITH  RUNWAY OR APPROACH LIGHTS               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS


3-2822  9/30/79  NR.RAMONA,CA          CESSNA 150          CR-  0  1  0  INSTRUCTIONAL           PRIVATE, AGE 29, 114
        TIME - 1300                    N50230              PX-  0  0  0  TRAINING                TOTAL HOURS, 78 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                        NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          EL CAJON,CA                  LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  NORMAL CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2846  10/4/79  NR.SAN PEDRO,CA       BELLANCA 8KCAB      CR-  0  0  1  NONCOMMERCIAL           PRIVATE, AGE 20, 132
        TIME - 1430                    N8716V              PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 6 IN TYPE,
                                       DAMAGE-DESTROYED                                          NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          HAWTHORNE,CA                 LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                          IN FLIGHT  ACROBATICS
          DITCHING                                               LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
        REMARKS- ACFT DITCHED IN OCEAN.
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FILE   DATE         LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-2823 10/13/79   RAMONA.CA           MOONEY M20C          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 47, 188
       TIME - 0950                    N79384               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 6 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - RAMONA
       DEPARTURE POINT              INTENDED DESTINATION
         EL CAJON.CA                  RAMONA.CA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL


3-2825 10/17/79   MADERA.CA           GRUMMAN G-164A       CR-  0  1  0  COMMERCIAL                 COMMERCIAL, AGE 38, 5000
       TIME - 0905                    N5250                PX-  0  0  0  AERIAL APPLICATION         TOTAL HOURS, 1200 IN
                                      DAMAGE-DESTROYED                                              TYPE, INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         MADERA.CA                    LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                IN FLIGHT  PULLUP FROM SWATH RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - 4500
         KIND OF CROP - COTTON                                   KIND OF OPERATION - DEFOLIATION (LIQUID)
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
         GOGGLES - USED                                          GLOVES - USED
         COCKPIT CRASHPAD - INSTALLED                            CRASH HELMET - AVAILABLE USED
         TANK/HOPPER-LOCATION - FORWARD OF PILOT                 CRASH BAR - INSTALLED
         ELEVATION-AREA BEING TREATED-FEET -  300                TERRAIN-TYPE - LEVEL,FLAT
         PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN          SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
       REMARKS- COLLIDED W ELECTRICAL WIRES.
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FILE    DATE         LOCATION              AIRCRAFT DATA       INJURIES      FLIGHT                       PILOT DATA
                                                               F  S M/N     PURPOSE

3-2835  10/17/79   SAN FRANCISCO,CA      AERO COMDR 500      CR-  0  0  1  COMMERCIAL                  AIRLINE TRANSPORT, AGE
        TIME - 1710                      N4111P              PX-  0  0  0  COMMUTER AIR CARRIER        36, 2566 TOTAL HOURS, 11
                                         DAMAGE-SUBSTANTIAL                 AIR TAXI-CARGO S-D          IN TYPE, INSTRUMENT
                                                                                                        RATED.
        NAME OF AIRPORT - SAN FRANCISCO INT
        DEPARTURE POINT              INTENDED DESTINATION
          MONTEREY,CA                  SAN FRANCISCO,CA
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          AIRFRAME FAILURE  ON GROUND                                  TAXI  FROM LANDING
          COLLIDED WITH  BUILDING(S)                                   TAXI  FROM LANDING

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          AIRFRAME - LANDING GEAR  NOSEWHEEL STEERING
          SYSTEMS - HYDRAULIC SYSTEM  SEALS
          MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
          MISCELLANEOUS ACTS,CONDITIONS - HYDRAULIC FAILURE
        REMARKS- BOTH HYDR PUMP SEAL DRAINS LEAKING 7 DAYS AFTER BOTH REPAIRED.LOST BRAKES & STEERING HIT HANGAR.


3-2904  10/24/79   SACRAMENTO,CA         CESSNA T210L        CR-  0  0  1  MISCELLANEOUS               COMMERCIAL, FL.INSTR.,
        TIME - 0945                      N59076              PX-  0  0  0  FERRY                       AGE 45, 1053 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                             112 IN TYPE, INSTRUMENT
                                                                                                        RATED.
        NAME OF AIRPORT - SACRAMENTO METRO
        DEPARTURE POINT              INTENDED DESTINATION
          SACRAMENTO,CA                MONTAGUE,CA
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          GEAR COLLAPSED                                               TAKEOFF  RUN

        PROBABLE CAUSE(S)
          AIRFRAME - LANDING GEAR  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        REMARKS- NOSE LNDG GEAR,GUIDE SPRING,PN 1280206-1 FAILED.


3-2819  10/25/79   ELSINORE,CA           GREAT LAKES 2T-1A   CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1730                      N3805F              PX-  0  0  0  BUSINESS                    AGE 29, 1679 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                             10 IN TYPE, NOT INSTRU-
                                                                                                        MENT RATED.
        NAME OF AIRPORT - SKYLARK FIELD
        DEPARTURE POINT              INTENDED DESTINATION
          FULLERTON,CA                 ELSINORE,CA
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          NOSE OVER/DOWN                                               LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES       FLIGHT                            PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2818  10/27/79   PATTERSON,CA           LUSCOMBE 8A           CR-  0  0  1  NONCOMMERCIAL
        TIME - 1030                       N28485                PX-  0  1  0  PLEASURE/PERSONAL TRANSP   PRIVATE, AGE 68, 1160
                                          DAMAGE-NONE                                                    TOTAL HOURS, 480 IN TYPE,
        NAME OF AIRPORT - PATTERSON                                                                      NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          AUBURN,CA                       SAN LUIS OBISPO,CA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          PROPELLER/ROTOR ACCIDENT TO PERSON                          STATIC  IDLING ENGINE(S)

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PASSENGER
        REMARKS- ORG RELIEF STOP PAX LOST BALANCE & SWUNG ARM INTO BACK OF PROP.


3-2820  10/31/79   SAN JOSE,CA            PIPER PA-18           CR-  0  0  1  NONCOMMERCIAL
        TIME - 1800                       N2370H                PX-  0  0  0  BUSINESS                   PRIVATE, AGE 28, 350
                                          DAMAGE-SUBSTANTIAL                                             TOTAL HOURS, 125 IN TYPE,
        NAME OF AIRPORT - SAN JOSE MUNI                                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          SANTA CRUZ,CA                   SAN JOSE,CA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          PROPELLER/JET/ROTOR BLAST                                   TAXI  FROM LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          MISCELLANEOUS - PROP/JET/ROTOR BLAST
        REMARKS- STARTED CROSSING 500FT BEHIND PARKED BOEING 727 PSA FLT 566.PLT OF 727 ADDED PWR TO TAXI ON RWY.


3-2847  11/4/79    CHINO,CA               CESSNA 411            CR-  0  0  1  MISCELLANEOUS              AIRLINE TRANSPORT, AGE
        TIME - 1145                       N4927T                PX-  0  0  0  DEMONSTRATION              60, 7000 TOTAL HOURS, 5
                                          DAMAGE-SUBSTANTIAL                                             IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - CHINO
        DEPARTURE POINT                 INTENDED DESTINATION
          CHINO,CA                        LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
          WHEELS-UP                                                   LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- SINGLE ENG MAX GROSS DEMO.FAILED TO GET PROP CONTROL IN FEATHER DETENT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2902	11/8/79 TIME - 0945	NR.PAICINES.CA	BOEING A75N1 N686W DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 11200 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HOLLISTER.CA
INTENDED DESTINATION
PAICINES.CA
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT EN ROUTE TO RELOADING AREA

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - GRAPES
PILOT'S SEAT BELT - FASTENED-PROPERLY
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 360

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2828	11/9/79 TIME - 2315	SAN JOSE.CA	AMER AVCO AA-5 N5457L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 210 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SAN JOSE MUNI
DEPARTURE POINT
SAN JOSE.CA
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
MADERA.CA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED W TELEPHONE WIRE & TWO PARKED AUTOS DRG FORCED LNDG ON ROAD.

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FILE    DATE          LOCATION          AIRCRAFT DATA          INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-2899  11/10/79   SAN DIEGO,CA         SCHWEIZER 1-35        CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 41, 24 TOTAL
        TIME - 1345                     N4085                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP   HOURS, 2 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - BORDERLAND
        DEPARTURE POINT               INTENDED DESTINATION
          SAN DIEGO,CA                  LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          OVERSHOOT                                              LANDING  LEVEL OFF/TOUCHDOWN
          STALL                                                  LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
        REMARKS- PLT STATED-AFTER OVERSHOOT,STALLED DRG TURN BACK TO ARPT TO AVOID LNDG IN LAKE.

3-2829  11/12/79   AVALON,CA            PIPER PA-32           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 43, 128
        TIME - 1130                     N15552                PX-  0  0  6  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 5 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CATALINA
        DEPARTURE POINT               INTENDED DESTINATION     LAST ENROUTE STOP
          VAN NUYS,CA                   VAN NUYS,CA              CALIFORNIA CITY,CA
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF

3-2856  11/13/79   CALIPATRIA,CA        AERO COMDR S2R        CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 40, 8000
        TIME - 1045                     N89700                PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 300 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - FARM AIRSTRIP
        DEPARTURE POINT               INTENDED DESTINATION
          CALIPATRIA,CA                 LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                               TAKEOFF  ABORTED
          COLLIDED WITH  DITCHES                                 TAKEOFF  ABORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - DEFOLIATION (LIQUID)
          KIND OF CROP - COTTON                                    TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT
        REMARKS- OBSERVED CARS ON ROAD CROSSING END OF RWY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2833	11/14/79 TIME - 1230	CORONA,CA	BEECH D18S N8611A DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 28, 893 TOTAL HOURS, 29 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CORONA MUNI
DEPARTURE POINT — CORONA,CA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FIRE AFTER IMPACT
REMARKS- PLT STATED CONTROL DIFFICULTIES AFTR TKOF.ACFT DESTROYED BY FIRE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2827	11/14/79 TIME - 1045	LIVERMORE,CA	BEECH 95-55 N13047 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 43, 1432 TOTAL HOURS, 462 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LIVERMORE MUNI
DEPARTURE POINT — LIVERMORE,CA
INTENDED DESTINATION — TRINADAD,CA
TYPE OF ACCIDENT — GEAR RETRACTED
PHASE OF OPERATION — TAKEOFF RUN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FIRE AFTER IMPACT
REMARKS- NOSE GEAR RETRACT ROD,PN 95-824020-3,FAILED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2903	11/16/79 TIME - 1530	NR.COLUSA.CA.	CESSNA 401 N3184K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 61, 2000 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WALLACE BROS.
DEPARTURE POINT
VAN NUYS.CA.
INTENDED DESTINATION
COLUSA.CA.
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
WEATHER - LOW CEILING
WEATHER - RAIN
MISCELLANEOUS ACTS.CONDITIONS - HYDROPLANING ON WET RUNWAY
MISCELLANEOUS ACTS.CONDITIONS - RAN OFF END OF RUNWAY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1/2 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
60
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
200
PRECIPITATION AT ACCIDENT SITE
RAIN
RELATIVE BEARING OF WIND
CALM
TYPE OF WEATHER CONDITIONS
IFR

REMARKS- EMERG LNDG ON SHORT.WET RWY W LINES/POLES AT ENDS.TERRAIN PREVENTED RADIO COMM W ATC AT LOW ALT.

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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-2855 11/26/79   BARSTOW,CA            LUSCOMBE 8A          CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 25, 145
       TIME - 1000                      N1095K               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 56 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - DAGGETT
       DEPARTURE POINT               INTENDED DESTINATION
         NEEDLES,CA                    BARSTOW,CA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                    LANDING  ROLL
         GEAR COLLAPSED                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         WEATHER - UNFAVORABLE WIND CONDITIONS
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                               CEILING AT ACCIDENT SITE
         CLEAR                                                       UNLIMITED
       VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                        NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
         NONE                                                        70
       WIND DIRECTION-DEGREES                                      WIND VELOCITY-KNOTS
         225                                                         40
       TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
         VFR                                                         NONE
       REMARKS- PLT REPORTED WND GUSTING 45K.SIGMET COVERED WINDS & TURBC.


3-2897 11/29/79 NR.COURTLAND,CA.        CESSNA 188           CR-  0  0  1  COMMERCIAL                      COMMERCIAL, AGE 40, 1243
       TIME - 1430                      N47220               PX-  0  0  0  ASSOC CROP CTL ACTIVITY         TOTAL HOURS, 640 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        COURTLAND,CA.                  LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         STALL  MUSH                                                 TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
         MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED          KIND OF OPERATION - SEEDING CROPS
         KIND OF CROP - OTHER                                        PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
         GLOVES - NOT USED                                           GOGGLES - NOT USED
         CRASH HELMET - AVAILABLE-NOT USED                           COCKPIT CRASHPAD - INSTALLED
         CRASH BAR - NOT INSTALLED                                   TANK/HOPPER-LOCATION - FORWARD OF PILOT
         TERRAIN-TYPE - LEVEL,FLAT                                   ELEVATION-AREA BEING TREATED-FEET -  0
       REMARKS- LOADED W 1600 LBS OF WHEAT FOR SEEDING.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2896	12/1/79 TIME - 1500	NR.COLUSA,CA	PIPER PA-18 N2663A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL AERIAL SURVEY	PRIVATE, AGE 46, 434 TOTAL HOURS, 412 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
UNKNOWN/NOT REPORTED
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
REMARKS- PLT STATED-COLLIDED W PWR LINE APRX 300FT AGL WHILE INSPECTING FENCES IN FOOT HILLS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2834	12/5/79 TIME - 1030	SAN JOSE,CA	BEECH H35 N3918 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 1481 TOTAL HOURS, 319 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - REID-HILLVIEW
DEPARTURE POINT
SANTA CRUZ,CA
INTENDED DESTINATION
SAN JOSE,CA
TYPE OF ACCIDENT
GEAR RETRACTED
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR
REMARKS- PLT STATED-SAW UNSAFE GEAR LGT DRG LNDG ROLL & INADVERTENTLY CYCLED GEAR SW.NO ACFT PROBLEM FOUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2821	12/8/79 TIME - 1230	FORT BIDWELL,CA	LUSCOMBE 8A N1186K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 559 TOTAL HOURS, 521 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FORT BIDWELL
DEPARTURE POINT
FALL RIVER MILLS,CA
INTENDED DESTINATION
FORT BIDWELL,CA
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
PERSONNEL - AIRPORT SUPERVISORY PERSONNEL OTHER
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
MISCELLANEOUS ACTS,CONDITIONS - RUNWAY CLOSED
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- ARPT NOTAMED CLOSED.HIT BOULDERS MARKING X IN CTR OF RWY.APCH ENDS NOT MARKED.

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES     FLIGHT                          PILOT DATA
                                                                 F  S M/N    PURPOSE

3-2895 12/10/79   SACRAMENTO,CA         CESSNA 172            CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 32, 362
       TIME - 1935                      N8173L                PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       NAME OF AIRPORT - SACRAMENTO EXEC
       DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
         RIVERSIDE,CA                 SACRAMENTO,CA                 STOCKTON,CA
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  DESCENDING
         COLLIDED WITH  OBJECT                                      LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - OTHER
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PLT STATED-UNABLE TO BUY FUEL AT ENROUTE ARPT.THOUGHT TO REACH DESTN.COLLIDED W GUARD RAIL.


3-2900 12/12/79   WOODLAKE,CA           ENSTROM F-28A         CR-  0  0  1  COMMERCIAL                  COMMERCIAL, FL.INSTR.,
       TIME - 0315                      N521H                 PX-  0  0  1  ASSOC CROP CTL ACTIVITY   AGE 41, 1884 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                            27 IN TYPE, INSTRUMENT
                                                                                                      RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         WOODLAKE,CA                  DELANO,CA
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                 TAKEOFF  VERTICAL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
       FACTOR(S)
         WEATHER - FOG
       WEATHER BRIEFING - UNKNOWN/NOT REPORTED

       SKY CONDITION                                              CEILING AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                       UNKNOWN/NOT REPORTED
       VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
         1/4 MILE OR LESS                                           NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
         FOG                                                        35
       WIND VELOCITY-KNOTS                                        TYPE OF WEATHER CONDITIONS
         CALM                                                       IFR
       TYPE OF FLIGHT PLAN
         NONE
       REMARKS- COLLIDED W PWR LINES.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2898	12/15/79 TIME - 1215	LEMOORE,CA	GRUMMAN G-164A N4728 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 51, 14331 TOTAL HOURS, 1775 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
LEMOORE,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN

PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - WET,SOFT GROUND
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - UNKNOWN/NOT REPORTED
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 250

KIND OF OPERATION - SEEDING CROPS
TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2894	12/28/79 TIME - 1330	WOODLAND,CA	AIR TRACTOR AT-301 N87695 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 46, 15500 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAUGENHOUR AG STP
DEPARTURE POINT
WOODLAND,CA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION OTHER
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 9999
KIND OF CROP - GRAIN FIELDS
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 20

KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - WIND CALM

REMARKS- WATER FOUND IN FUEL SERVICE TANK AT AG STRIP.PLT DRAINED SUMPS PRIOR TO PREVIOUS FLT TO AG STRIP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2831	3/2/79 TIME - 1707	BROOMFIELD,CO	BEECH A-36 N22482 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 40, 614 TOTAL HOURS, 210 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - JEFFERSON COUNTY
DEPARTURE POINT — SALINA,KS
INTENDED DESTINATION — BROOMFIELD,CO
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  PERSONNEL - WEATHER PERSONNEL INCORRECT WEATHER FORECAST
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
  WEATHER - LOW CEILING
  WEATHER - SNOW
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST

SKY CONDITION
  OBSCURATION
CEILING AT ACCIDENT SITE
  0
VISIBILITY AT ACCIDENT SITE
  1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  BLOWING SNOW
RELATIVE BEARING OF WIND
  RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES
  340
WIND VELOCITY-KNOTS
  19
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  IFR

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES    FLIGHT                          PILOT DATA
                                                                 F  S M/N    PURPOSE

3-2851  3/18/79  NR.CASTLE ROCK.CO        CESSNA 310          CR-  1  0  0  NONCOMMERCIAL              COMMERCIAL, AGE 34, 330
        TIME - 2012                       N4157A              PX-  1  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, UNK/NR IN
                                          DAMAGE-DESTROYED                                             TYPE, INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          HOUSTON,TX                      DENVER,CO
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                  IN FLIGHT  UNCONTROLLED DESCENT
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IFR OPERATION
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FACTOR(S)
          WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
          WEATHER - SNOW

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          OVERCAST                                                   800
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       SNOW
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TYPE OF WEATHER CONDITIONS
          BLOWING SNOW                                               IFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- NARCOTICS FOUND ONBOARD.


3-2770  3/19/79  NR.CRESTONE.CO           MOONEY M20F         CR-  2  0  0  NONCOMMERCIAL              COMMERCIAL, FL.INSTR.,
        TIME - UNK/NR                     N3881N              PX-  1  0  0  PLEASURE/PERSONAL TRANSP   AGE 41, 1400 TOTAL HOURS,
                                          DAMAGE-DESTROYED                                             UNK/NR IN TYPE, INSTRU-
        DEPARTURE POINT                 INTENDED DESTINATION                                           MENT RATED.
          ASPEN,CO                        TAOS,NM
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  NORMAL CRUISE
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          PERSONNEL - TRAFFIC CONTROL PERSONNEL  FAILURE TO ADVISE OF UNSAFE WEATHER CONDITIONS
          WEATHER - SNOW
          WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
        MISSING AIRCRAFT - LATER RECOVERED

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          OBSCURATION                                                UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                       SNOW SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TYPE OF WEATHER CONDITIONS
          BLOWING SNOW                                               UNKNOWN/NOT REPORTED
        TYPE OF FLIGHT PLAN
          VFR
        REMARKS- FSS WX BRIEF INACCURATE.RECOVERY DATE 4/7/79.
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FILE   DATE        LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                             F  S M/N     PURPOSE

3-2771 9/14/79  NR.GARFIELD.CO         BEECH A-36           CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 43, 1424
       TIME - 1310                     N2847W               PX-  1  0  0  PRACTICE                    TOTAL HOURS, 600 IN TYPE,
                                       DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         PUEBLO.CO                    GRAND JUNCTION.CO
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                     IN FLIGHT  CLIMB TO CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         MISCELLANEOUS ACTS.CONDITIONS - FLEW INTO BLIND CANYON
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - ICING CONDITIONS-INCLUDES SLEET.FREEZING RAIN.ETC.
         TERRAIN - HIGH OBSTRUCTIONS
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL. BY PHONE
       WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST
       MISSING AIRCRAFT - LATER RECOVERED

       SKY CONDITION                                               CEILING AT ACCIDENT SITE
         OVERCAST                                                    0
       VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
         ZERO                                                        RAIN. SNOW
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TYPE OF WEATHER CONDITIONS
         FOG                                                         IFR
       TYPE OF FLIGHT PLAN
         NONE
       REMARKS- RECOVERY DATE 9/15/79.


3-2965 10/8/79    CRESTED BUTTE.CO     BRITTNORMAN BN2A-9   CR-  0  0  1  COMMERCIAL                  ATP,FLIGHT INSTR., AGE
       TIME - 1910                     N13CA                PX-  0  1  3  COMMUTER AIR CARRIER        28, 1832 TOTAL HOURS, 146
                                       DAMAGE-SUBSTANTIAL                 AIR TAXI-PASSG S-D          IN TYPE, INSTRUMENT
                                                                                                      RATED.
       NAME OF AIRPORT - CRESTED BUTTE
       DEPARTURE POINT              INTENDED DESTINATION
         DENVER.CO                    CRESTED BUTTE.CO
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  DIRT BANK                                    LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - MISJUDGED CLEARANCE
       FACTOR(S)
         PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL  FAILURE TO PROVIDE ADEQ.DIRECTIVES,MANUAL,EQUIPMENT
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES  RUNWAY LIGHTING
       REMARKS- OFFICIAL NIGHT 1922HRS.LOW INTENSITY RUNWAY LITES 25FT BEYOND EACH EDGE OF RUNWAY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2832	3/28/79 TIME - 1031	DAYTONA BEACH,FL	CESSNA 172 N84ER DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL TRAINING	PRIVATE, AGE 18, 234 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DAYTONA BEACH
DEPARTURE POINT — INTENDED DESTINATION
DAYTONA BEACH,FL — LOCAL
TYPE OF ACCIDENT
COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - LOCAL CONTROL
TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL
CONTROL ZONE/AREA - YES
EVASIVE ACTION TAKEN - NO
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT
HORIZONTAL COLLISION ANGLE-DEGREES - 45
ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN
REMARKS- LANDED SAFELY FOLLOWING MID-AIR COLLISION WITH N23ER

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2832	3/28/79 TIME - 1031	DAYTONA BEACH,FL	CESSNA 172 N23ER DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL TRAINING	STUDENT, AGE 18, 42 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DAYTONA BEACH
DEPARTURE POINT — INTENDED DESTINATION
DAYTONA BEACH,FL — LOCAL
TYPE OF ACCIDENT
COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - LOCAL CONTROL
TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL
CONTROL ZONE/AREA - YES
EVASIVE ACTION TAKEN - NO
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT
HORIZONTAL COLLISION ANGLE-DEGREES - 45
ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN
REMARKS- LANDED SAFELY FOLLOWING MID-AIR COLLISION WITH N84ER

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FILE   DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                                F  S M/N     PURPOSE

3-2864 4/28/79  NR.LABELLE.FL          PIPER PA-31          CR-  2  0  0  MISCELLANEOUS                COMMERCIAL, AGE 28, 2200
       TIME - 0330                     N6478L               PX-  0  0  0  OTHER                        TOTAL HOURS, 40 IN TYPE,
                                       DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - AMERICAN AGRO
       DEPARTURE POINT              INTENDED DESTINATION
        UNKNOWN/NOT REPORTED         LABELLE.FL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  TREES                                       LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - MISJUDGED DISTANCE.SPEED.ALTITUDE OR CLEARANCE
       FACTOR(S)
         WEATHER - FOG

       SKY CONDITION                                              CEILING AT ACCIDENT SITE
         SCATTERED                                                  UNLIMITED
       VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                       NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TEMPERATURE-F
         GROUND FOG                                                 72
       WIND DIRECTION-DEGREES                                     WIND VELOCITY-KNOTS
         220                                                        4
       TYPE OF WEATHER CONDITIONS                                 TYPE OF FLIGHT PLAN
         VFR                                                        NONE
       REMARKS- PIC DID NOT POSSESS MEL RATING.NARCOTICS CONTRABAND CARGO.LOCAL GROUNG FOG.


3-2705 5/14/79    KISSIMMEE.FL         CESSNA 337           CR-  0  0  2  INSTRUCTIONAL                COMMERCIAL, AGE 35, 979
       TIME - 1855                     N5375S               PX-  0  0  0  DUAL                         TOTAL HOURS, 5 IN TYPE,
                                       DAMAGE-DESTROYED                                                INSTRUMENT RATED.
       NAME OF AIRPORT - KISSIMMEE MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         VALDOSTA.GA                  KISSIMMEE.FL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                              LANDING  FINAL APPROACH
         COLLIDED WITH  TREES                                       LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       FIRE AFTER IMPACT
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2787	8/28/79 TIME - 1430	FORT MYERS,FL	PITTS S-1-C N10Z DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 22, 543 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
ST. PETERSBURG,FL
INTENDED DESTINATION
FORT MEYERS,FL
LAST ENROUTE STOP
VENICE,FL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
DITCHING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- PLT REPORTED LOSS OF FUEL PRESSURE.ACFT NOT RECOVERED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2706	9/8/79 TIME - 0830	FORT MYERS,FL	PIPER PA-28 N2223V DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 46, 1382 TOTAL HOURS, 28 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PAGE FIELD
DEPARTURE POINT
FORT MYERS,FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
SCATTERED
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
84
WIND DIRECTION-DEGREES
50
WIND VELOCITY-KNOTS
8
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                      PILOT DATA
                                                              F  S M/N   PURPOSE

3-2707 9/18/79  NR.TAMPA.FL          HAM-FLUGZEU HFB320  CR-  0  0  2  NONCOMMERCIAL              COMMERCIAL, AGE 49, 6096
       TIME - 1513                    N111DC              PX-  0  0  4  BUSINESS                   TOTAL HOURS, 129 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       DEPARTURE POINT            INTENDED DESTINATION
         TAMPA.FL                   CHICAGO.IL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                               IN FLIGHT  CLIMB TO CRUISE

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE.SERVICING.INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         AIRFRAME - FUSELAGE  WINDSHIELDS.WINDOWS.CANOPIES
         MISCELLANEOUS ACTS.CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
       FACTOR(S)
         MISCELLANEOUS ACTS.CONDITIONS - EXPLOSIVE DECOMPRESSION
       REMARKS- PILOTS SIDE WINDOW OPENED INFLIGHT.


3-2706 9/22/79    HILLIARD.FL         MOONEY M20C         CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 21, 327
       TIME - 1715                    N3613H              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 72 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - HILLIARD AIRPARK
       DEPARTURE POINT            INTENDED DESTINATION
         HILLIARD.FL                DAYTONA BEACH.FL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  DITCHES                                    TAKEOFF  ABORTED

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT RUNWAY
         MISCELLANEOUS ACTS.CONDITIONS - RAN OFF END OF RUNWAY


3-2798 7/18/79    CHAMBLEE.GA         CESSNA 310C         CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 23, 2510
       TIME - 2050                    N1DY                PX-  0  0  0  AIR TAXI-CARGO             TOTAL HOURS, 27 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - PEACHTREE DEKALB
       DEPARTURE POINT            INTENDED DESTINATION
         BRISTOL.TN                 CHAMBLEE.GA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         WHEELS-UP                                                 LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  NORMAL RETRACTION/EXTENSION ASSEMBLY
         MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE
       REMARKS- LANDING GEAR ACTUATOR BOX FAILED INTERNALLY.
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BRIEFS OF ACCIDENTS

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FILE   DATE          LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-2962 9/16/79  NR.ALMA,GA               PIPER PA-28         CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 48, 544
       TIME - 1815                       N15029              PX-  1  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 543 IN TYPE,
                                         DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION          LAST ENROUTE STOP
         SILVER SPRINGS,FL               CHICAGO,IL                    CHATTANOOGA,TN
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                                   IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - SPATIAL DISORIENTATION
         PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
       FACTOR(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT,
         WEATHER - LOW CEILING
         WEATHER - FOG
         AIRFRAME - WINGS  SPARS
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT

       SKY CONDITION
         BROKEN                                                      CEILING AT ACCIDENT SITE
       VISIBILITY AT ACCIDENT SITE                                     500
         3 MILES OR LESS                                             PRECIPITATION AT ACCIDENT SITE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                         NONE
         FOG                                                         TEMPERATURE-F
       WIND DIRECTION-DEGREES                                          72
         30                                                          WIND VELOCITY-KNOTS
       TYPE OF WEATHER CONDITIONS                                      5
         IFR                                                         TYPE OF FLIGHT PLAN
       REMARKS- ACFT ALTERNATOR BELT EXCESSIVELY WORN PRIOR TO TKOF.   NONE

3-2848 10/5/79     PRINCEVILLE,HI        BEECH 65-80         CR-  0  0  1  COMMERCIAL                COMMERCIAL, AGE 31, 1225
       TIME - 1815                       N15905              PX-  0  0  8  AIR TAXI-PASSG            TOTAL HOURS, 254 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       NAME OF AIRPORT - PRINCEVILLE
       DEPARTURE POINT                 INTENDED DESTINATION
         HONOLULU,HI                     PRINCEVILLE,HI
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         COLLIDED WITH  FENCE,FENCEPOSTS                               LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)
         AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
         MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
       REMARKS- L BRAKE FAILED DRG LNDG ROLL.L OUTBD BRAKE LINING PUCKS COMPLETELY WORN.
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                          PILOT DATA
                                                               F  S M/N      PURPOSE

3-2869  10/19/79 NR.PEARL CITY,HI        BELL 47D1            CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 27, 669
        TIME - 1250                      N2348                PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 57 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          HONOLULU,HI                     LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          HARD LANDING                                                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - WARPED
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- NO 3 EXHAUST VLV.PN 19302,WARPED.


3-2849  11/25/79 NR.HOLOLULU,HI          CESSNA 152           CR-  0  0  1  NONCOMMERCIAL                STUDENT, AGE 20, 85 TOTAL
        TIME - 1930                      N46151               PX-  0  0  0  PRACTICE                     HOURS, 35 IN TYPE, NOT
                                         DAMAGE-DESTROYED                                                INSTRUMENT RATED.
        NAME OF AIRPORT - HONOLULU INTL INT
        DEPARTURE POINT                 INTENDED DESTINATION          LAST ENROUTE STOP
          KAHULUI,MAUI,HI                 RETURN                        HOLOLULU,HI
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  DESCENDING
          DITCHING                                                      LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - RAIN
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - UNKNOWN/NOT REPORTED
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER

        SKY CONDITION                                                 CEILING AT ACCIDENT SITE
          SCATTERED                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                          NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TEMPERATURE-F
          NONE                                                          75
        WIND DIRECTION-DEGREES                                        WIND VELOCITY-KNOTS
          60                                                            10
        TYPE OF WEATHER CONDITIONS                                    TYPE OF FLIGHT PLAN
          VFR                                                           VFR
        REMARKS- BECAME DISORIENTED IN DARKNESS,RAIN & LOW CLDS.RCVD ASSIST.BUT DITCHED 1 MI FROM ARPT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2788	11/11/79 TIME - 1720	DIXIE,ID	CESSNA 182 N8971G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 41, 608 TOTAL HOURS, 552 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - YELLOW PINE BAR
DEPARTURE POINT
  DIXIE,ID
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
  MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
  MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
  WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
  SCATTERED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  43
TYPE OF FLIGHT PLAN
  NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2989	11/14/79 TIME - 1035	NR.GRASS VALLEY,ID	CESSNA R172E N14465 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL OTHER	PRIVATE, AGE 43, 601 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  KELSO,WA
INTENDED DESTINATION
  BOISE,ID
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - LUBRICATING SYSTEM PUMP-PRESSURE
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  MISCELLANEOUS ACTS,CONDITIONS - SHEARED
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- OIL PUMP DRIVE SHAFT(PN 632550)FAILED AT KEY SLOT DRG FLT TO PICK UP PRISONER.

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FILE    DATE          LOCATION           AIRCRAFT DATA       INJURIES       FLIGHT                              PILOT DATA
                                                              F  S M/N      PURPOSE

3-2845  11/26/79 NR.STANLEY,ID          HILLER ACFT UH-12E  CR-  0  0  1  COMMERCIAL                 COMMERCIAL, FL.INSTR.,
        TIME - 1515                     N5714               PX-  0  0  2  AIR TAXI-PASSG             AGE 30, 7026 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                           483 IN TYPE, NOT INSTRU-
                                                                                                     MENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         STANLEY,ID                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
          HARD LANDING                                              LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  FUEL CONTROL
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- B NUT FITTINGS LOOSE.


3-2972  12/7/79  NR.MALAD CITY,ID       CESSNA 210          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 47, UNK/NR
        TIME - 1850                     N9524T              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, UNK/NR IN
                                        DAMAGE-DESTROYED                                             TYPE, NOT INSTRUMENT
                                                                                                     RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          MONTICELLO,UT                AMERICAN FALLS,ID
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          WEATHER - LOW CEILING
          WEATHER - FOG
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
        MISSING AIRCRAFT - LATER RECOVERED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          OBSCURATION                                               UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          1/4 MILE OR LESS                                          NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          FOG                                                       38
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          IFR                                                       NONE
        REMARKS- RECOVERY DATE 12/8/79.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2973	12/8/79 TIME - UNK/NR	MOUNTAIN HOME,ID	AERONCA 65-CA N31929 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 289 TOTAL HOURS, 84 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MTN HOME MUNI
DEPARTURE POINT: MOUNTAIN HOME,ID
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
LAST ENROUTE STOP: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT: STALL
PHASE OF OPERATION: LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
REMARKS- PILOT URINE ALCOHOL .142%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2844	12/18/79 TIME - 1400	NR.IDAHO FALLS,ID	AEROSPORT QUAIL N47075 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 56, 191 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM FIELD
DEPARTURE POINT: AMERICAN FALLS,ID
INTENDED DESTINATION: IDAHO FALLS,ID
TYPE OF ACCIDENT: HARD LANDING; GEAR COLLAPSED
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- GND FROZEN IN LNDG AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2871	3/29/79 TIME - 1745	WHEELING,IL	BEECH 80 N7230 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 39, 8000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PALWAUKEE
DEPARTURE POINT: WHEELING,IL
INTENDED DESTINATION: CHICAGO,IL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; FIRE OR EXPLOSION IN FLIGHT
PHASE OF OPERATION: IN FLIGHT CLIMB TO CRUISE; IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
REMARKS- NO 5 CON ROD FAILED.HOLE IN OIL SUMP.LEFT WING AND GEAR FAILED ON LANDING.

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FILE    DATE          LOCATION             AIRCRAFT DATA         INJURIES      FLIGHT                          PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2865  11/23/79   GALESBURG,IL           CESSNA T210L        CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 41, 2184
        TIME - 1820                        N22434              PX-  0  0  0  AIR TAXI-CARGO              TOTAL HOURS, 1220 IN
                                           DAMAGE-SUBSTANTIAL                                             TYPE, INSTRUMENT RATED.
        NAME OF AIRPORT - GALESBURG
        DEPARTURE POINT              INTENDED DESTINATION
          LEBANON,OH                   GALESBURG,IL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              LANDING  FINAL APPROACH
          NOSE OVER/DOWN                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          POWERPLANT - POWERPLANT-INSTRUMENTS  FUEL QUANTITY GAUGE
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- FUEL QUANTITY IND 10 GAL HIGH.


3-2976  11/25/79 NR,WEST CHICAGO,IL      BEECH 76            CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1717                        N6038Y              PX-  0  0  2  PLEASURE/PERSONAL TRANSP    AGE 24, 1529 TOTAL HOURS,
                                           DAMAGE-SUBSTANTIAL                                             75 IN TYPE, INSTRUMENT
                                                                                                          RATED.
        NAME OF AIRPORT - DUPAGE
        DEPARTURE POINT              INTENDED DESTINATION
          MONMOUTH,NJ                  WEST CHICAGO,IL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  DESCENDING
          COLLIDED WITH  TREES                                       LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE          LOCATION          AIRCRAFT DATA          INJURIES       FLIGHT                          PILOT DATA
                                                                F  S M/N      PURPOSE
3-2754  6/28/79    WELLMAN,IA          HUGHES 269B           CR-  0  0  1  COMMERCIAL                   COMMERCIAL, AGE 26, 437
        TIME - 1400                     N9416F               PX-  0  0  0  AERIAL APPLICATION           TOTAL HOURS, 97 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          WELLMAN,IA                    LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  PROCEDURE TURNAROUND
          HARD LANDING                                               LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          POWERPLANT - IGNITION SYSTEM  SPARK PLUG
          MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -   95
          KIND OF CROP - BEANS                                      KIND OF OPERATION - SPRAYING CROPS
          PILOT'S SEAT BELT - FASTENED-PROPERLY                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          GOGGLES - USED                                            GLOVES - USED
          COCKPIT CRASHPAD - NOT INSTALLED                          CRASH HELMET - AVAILABLE USED
          TANK/HOPPER-LOCATION - SIDES                              CRASH BAR - NOT INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  720                  TERRAIN-TYPE - ROLLING
          PROCEDURE TURNAROUND - THIRD 1/3 TURN                     SWATH RUN-HOW FLOWN - UPWIND
        REMARKS- SPARK PLUGS FOULED.ENG RAN NORMAL AFTER PLUGS CLEANED.

3-2766  6/30/79    IOWA FALLS,IA       CESSNA 188B           CR-  0  1  0  COMMERCIAL                   COMMERCIAL, AGE 49, 8100
        TIME - 1355                     N44650               PX-  0  0  0  AERIAL APPLICATION           TOTAL HOURS, 2112 IN
                                        DAMAGE-DESTROYED                                                 TYPE, INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          HAMPTON,IA                    LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                                 IN FLIGHT  PULLUP FROM SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 2112
          KIND OF CROP - BEANS                                      KIND OF OPERATION - SPRAYING CROPS
          PILOT'S SEAT BELT - FASTENED-PROPERLY                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          GOGGLES - USED                                            GLOVES - NOT USED
          COCKPIT CRASHPAD - INSTALLED                              CRASH HELMET - AVAILABLE USED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                   CRASH BAR - INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  1150                 TERRAIN-TYPE - ROLLING
          PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN            SWATH RUN-HOW FLOWN - CROSSWIND
        REMARKS- COLLIDED W PWR LINE WHILE ATTEMPTING TO FLY UNDER.PLT WORKED ALONG 6 1/2 OF 7 HRS PRIOR TO ACDNT.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                                PILOT DATA
                                                                F  S M/N     PURPOSE
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3-2768  8/19/79    FOSTORIA,IA          CESSNA 210          CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 42, 213
        TIME - 1830                     N732W7              PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 53 IN TYPE,
                                        DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          SPIRIT LAKES,IA               OMAHA,NE
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          TURBULENCE                                                IN FLIGHT  NORMAL CRUISE
          COLLISION WITH GROUND/WATER  UNCONTROLLED                 IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
          WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
        FACTOR(S)
          WEATHER - THUNDERSTORM ACTIVITY
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                      UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                      RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          UNKNOWN/NOT REPORTED                                      68
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          320                                                       5
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          IFR                                                       NONE


3-2745  8/20/79    COUNCIL BLUFFS,IA    CESSNA 172B         CR-  0  0  1  NONCOMMERCIAL                 STUDENT, AGE 19, 59 TOTAL
        TIME - 1809                     N7521X              PX-  0  0  0  PRACTICE                      HOURS, 8 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - COUNCIL BLUFF MUN
        DEPARTURE POINT               INTENDED DESTINATION
          COUNCIL BLUFFS,IA             LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          FIRE OR EXPLOSION  IN FLIGHT                              TAKEOFF  INITIAL CLIMB
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          INSTRUMENTS/EQUIPMENT AND ACCESSORIES - COMMUNICATIONS AND NAVIGATION EQUIPMENT  TRANSMITTERS AND/OR RECEIVERS
          MISCELLANEOUS ACTS,CONDITIONS - GROUNDED
          MISCELLANEOUS - SMOKE IN COCKPIT
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  SMOKE IN COCKPIT
                                  SUSPECTED OR KNOWN AIRCRAFT DAMAGE
        REMARKS- EMERGENCY LANDING ON TAXI-WAY TO PREVENT COLLISION.RAN PAST END AND NOSED OVER.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2765	8/27/79 TIME - 1235	MT PLEASANT,IA	CESSNA 152 N24366 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 23, 1154 TOTAL HOURS, 545 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
MT PLEASANT,IA
INTENDED DESTINATION
MUSCATINE,IA
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
REMARKS- OFF AIRPORT OPERATION.EYE HOOK ON TAIL OF ACFT CAUGHT ON FENCE AT EDGE OF FARM STRIP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2748	8/28/79 TIME - 1615	OSKALOOSA,IA	LUSCOMBE 8E N2518K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 230 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OSKALOOSA MUNI
DEPARTURE POINT
OSKALOOSA,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
REMARKS- WND GUSTING 15KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2756	8/29/79 TIME - 1900	NR.MASONVILLE,IA	GRUMMAN G-164 N13MZ DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 48, 2680 TOTAL HOURS, 155 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MANCHESTER MUNI
DEPARTURE POINT
INDEPDENDENCE,IA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
IN FLIGHT FLAREOUT FOR SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - CORN
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1150
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
SWATH RUN-HOW FLOWN - WIND CALM

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FILE    DATE          LOCATION             AIRCRAFT DATA         INJURIES       FLIGHT                      PILOT DATA
                                                                  F  S M/N      PURPOSE

3-2749  9/7/79     MANNING,IA           PIPER PA-36          CR-  0  0  1  COMMERCIAL              COMMERCIAL, AGE 43, 1742
        TIME - 1430                     N3881F               PX-  0  0  0  ASSOC CROP CTL ACTIVITY  TOTAL HOURS, 25 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MANNING MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          MANNING,IA                   LOCAL
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          STALL                                                 TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          WEATHER - WIND SHEAR

        SKY CONDITION                                         CEILING AT ACCIDENT SITE
          CLEAR                                                 UNLIMITED
        VISIBILITY AT ACCIDENT SITE                           PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                  NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE               TEMPERATURE-F
          NONE                                                  75
        TYPE OF WEATHER CONDITIONS                            TYPE OF FLIGHT PLAN
          VFR                                                   NONE

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED      KIND OF OPERATION - PRACTICE
          KIND OF CROP - UNKNOWN/NOT REPORTED                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                GLOVES - NOT USED
          GOGGLES - NOT USED                                      CRASH HELMET - AVAILABLE-NOT USED
          COCKPIT CRASHPAD - INSTALLED                            CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                 ELEVATION-AREA BEING TREATED-FEET -  1325
        REMARKS- PLT STATED-ENCOUNTERED WND SHEAR & WING DROPPED AFTER CLEARING SMALL DYKE AT END OF RWY.


3-2743  9/9/79     WAVERLY,IA           MOONEY M20C          CR-  0  0  1  NONCOMMERCIAL           COMMERCIAL, AGE 53, 2000
        TIME - 2130                     N6419U               PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 55 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          ROCHESTER,MN                 WATERLOO,IA
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                         IN FLIGHT  NORMAL CRUISE
          WHEELS-UP                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- STARTED EMERG NGT LNDG ON ROAD,DIVERT TO ADJACENT FARM FLD TO AVOID TREES ALONG ROAD.
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                         PILOT DATA
                                                              F  S M/N       PURPOSE

3-2755  9/12/79    OXFORD,IA             CESSNA 152          CR-  0  0  1  INSTRUCTIONAL            STUDENT, AGE 32, 19 TOTAL
        TIME - 1830                      N65465              PX-  0  0  0  SOLO                     HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                         INSTRUMENT RATED.
        NAME OF AIRPORT - GREEN CASTLE
        DEPARTURE POINT               INTENDED DESTINATION
          OXFORD,IA                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          NOSE OVER/DOWN                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
        REMARKS- PLT STATED-ACFT SETTLED AFTER 20 DEC OF FLAPS RETRACTED,REDUCED PWR & LND IN BEAN FLD.


3-2767  9/25/79    MADRID,IA             PIPER J-3           CR-  0  0  1  MISCELLANEOUS            COMMERCIAL, AGE 28, 2750
        TIME - 1830                      N98602              PX-  0  0  0  OTHER                    TOTAL HOURS, 103 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          DALLAS CENTER,IA              MADRID,IA
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                               IN FLIGHT  RETURN TO STRIP

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        REMARKS- HIT HIGH POWER LINES.SPRAY AIRCRAFT,MOSQUITO CONTROL.


3-2740  9/25/79  NR.PIERSON,IA           BELL 47G-3B         CR-  0  1  0  COMMERCIAL               COMMERCIAL, AGE 33, 762
        TIME - 0758                      N8471F              PX-  0  0  0  AERIAL APPLICATION       TOTAL HOURS, 135 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          PIERSON,IA                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  WIRES/POLES                               IN FLIGHT  SWATH RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL -  135                     KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - CORN                                    TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                  GLOVES - NOT USED
          GOGGLES - NOT USED                                     CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - NOT INSTALLED                       CRASH BAR - NOT INSTALLED
          TANK/HOPPER-LOCATION - SIDES                           TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  1320              SWATH RUN-HOW FLOWN - WIND CALM
        REMARKS- STRUCK POWER LINES.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2741	9/27/79 TIME - 0840	KOSSUTH,IA	CESSNA 182P N73370 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 879 TOTAL HOURS, 66 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHARAR
DEPARTURE POINT
BURLINGTON,IA
INTENDED DESTINATION
KOSSUTH,IA
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
REMARKS- PLT STATED-LANDED LONG TO REDUCE TAXI TIME.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2750	9/29/79 TIME - 1530	WEVER,IA	PIPER PA-28 N5556F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 83 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT
FT.MADISON,IA
INTENDED DESTINATION
WEVER,IA
TYPE OF ACCIDENT
UNDERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
340
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT QUARTERING TAIL WIND 203-247 DEGREES
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE
REMARKS- PLT STATED-ENCOUTERED DWNDRAFT AS ACFT CROSSED OVER TREE LINE NR APCH END OF RWY.

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FILE    DATE         LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                             PILOT DATA
                                                              F  S M/N       PURPOSE

3-2742  9/30/79    LOST NATION,IA      PIPER PA-25          CR-  0  0  1  COMMERCIAL                 COMMERCIAL, AGE 38, 1272
        TIME - 1350                    N4957Y               PX-  0  0  0  ASSOC CROP CTL ACTIVITY    TOTAL HOURS, 800 IN TYPE,
                                        DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          LOST NATION,IA               LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL                                                     TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
          MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - DEFOLIATION (DUST)
          KIND OF CROP - BEANS                                     TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - FASTENED-PROPERLY                    GLOVES - NOT USED
          GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                  TERRAIN-TYPE - LEVEL,FLAT
          SWATH RUN-HOW FLOWN - WIND CALM                                         ROLLING
        REMARKS- PLT STATED-ACFT STALLED AFTER CLEARING PWR LINE & DUMPING LOAD.


3-2757  10/7/79  NR.NEW HAMPTON,IA     CESSNA 150           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 56, 291
        TIME - 0300                    N5937J               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 64 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         NEW HAMPTON,IA                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - LOOSE GRAVEL
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- NITE EMERG LDG ON GRAVEL RD.VEERED INTO DITCH AND NOSED OVER.
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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES        FLIGHT                          PILOT DATA
                                                             F  S M/N       PURPOSE

3-2753  10/17/79   LAMOTTE.IA          AERONCA 7AC          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 29, 176
        TIME - 1720                    N83589               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 2 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - FREEDOM FIELD
        DEPARTURE POINT              INTENDED DESTINATION
          LAMOTTE.IA                   LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                   TAKEOFF  RUN
          COLLIDED WITH  FENCE.FENCEPOSTS                            TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT


3-2744  10/24/79   OELWEIN.IA          PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                STUDENT, AGE 17, 34 TOTAL
        TIME - 1800                    N538FL               PX-  0  0  0  PRACTICE                     HOURS, 27 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - OELWEIN MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          OELWEIN.IA                   LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          OVERSHOOT                                                  LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  DIRT BANK                                   LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          MISCELLANEOUS ACTS.CONDITIONS - RAN OFF END OF RUNWAY


3-2752  10/27/79   DES MOINES.IA       BELLANCA 7ECA        CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 54, 204
        TIME - 1845                    N8724V               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 123 IN TYPE,
                                       DAMAGE-SUBSTANTIAL   OT-  0  0  1                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - NORTH FIELD
        DEPARTURE POINT              INTENDED DESTINATION
          BOONE.IA                     DES MOINES.IA
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH ON GROUND                    TAXI  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT
        REMARKS- COLLIDED WITH PIPER PA-22.N8194C WHILE TAXIING FROM REFUELING AREA.
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FILE    DATE        LOCATION          AIRCRAFT DATA          INJURIES       FLIGHT                        PILOT DATA
                                                               F  S M/N     PURPOSE
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3-2752  10/27/79   DES MOINES,IA      PIPER PA-22         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 52, 431
        TIME - 1845                   N8194C              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 196 IN TYPE,
                                      DAMAGE-SUBSTANTIAL  OT-  0  0  1                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - NORTH FIELD
        DEPARTURE POINT             INTENDED DESTINATION
          DES MOINES,IA               LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH ON GROUND                 TAXI  GROUND TAXI FROM LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT
        REMARKS- COLLIDED W BELLANCA 7ECA,N8724V.


3-2751  10/28/79   DES MOINES,IA      PIPER PA-22         CR-  0  0  1  NONCOMMERCIAL              STUDENT, AGE 36, 61 TOTAL
        TIME - 1130                   N8731C              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   HOURS, 52 IN TYPE, NOT
                                      DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        NAME OF AIRPORT - NORTH FIELD
        DEPARTURE POINT             INTENDED DESTINATION
          DES MOINES,IA               LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                LANDING  LEVEL OFF/TOUCHDOWN
          NOSE OVER/DOWN                                          LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        REMARKS- WND GUSTING 11KTS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2747	11/4/79 TIME - 1135	WINTERSET,IA	LUSCOMBE 8A N41961 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 137 TOTAL HOURS, 36 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WINTERSET
DEPARTURE POINT — BLOOMFIELD,IA
INTENDED DESTINATION — WINTERSET,IA
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLIDED WITH RUNWAY OR APPROACH LIGHTS
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
SCATTERED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
230
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WND GUSTING TO 20KTS.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
WIND VELOCITY-KNOTS
12
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2746	11/30/79 TIME - 0930	SOMERS,IA	BEECH C35 N8976A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 70, 22423 TOTAL HOURS, 15000 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT — SOMERS,IA
INTENDED DESTINATION — SAC CITY,IA
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS POORLY MAINTAINED RUNWAY SURFACE

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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                               PILOT DATA
                                                                F  S M/N    PURPOSE

3-2960  12/9/79    MAQUOKETA,IA         CESSNA 150          CR-  0  0  1  INSTRUCTIONAL                    STUDENT, AGE 17, 49 TOTAL
        TIME - 1130                     N16129              PX-  0  0  0  SOLO                             HOURS, 39 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
        NAME OF AIRPORT - MAQUOKETA MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          BLOOMINGTON,IL               MAQUOKETA,IA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2709  7/1/79   NR.WESTFALL,KS         PIPER PA-18A        CR-  0  0  1  NONCOMMERCIAL                    ATP,FLIGHT INSTR., AGE
        TIME - 1510                     N8098D              PX-  0  0  0  PLEASURE/PERSONAL TRANSP         30, 1670 TOTAL HOURS, 62
                                          DAMAGE-SUBSTANTIAL                                               IN TYPE, INSTRUMENT
                                                                                                           RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         WESTFALL,KS                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  DIRT BANK                                  LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- COLLIDED W TERRACE DRG FORCED LNDG AFTER TKOF FROM WHEAT FLD.


3-2710  7/27/79  NR.TRIBUNE,KS          DYKE DELTA JD-2     CR-  0  0  2  NONCOMMERCIAL                    PRIVATE, AGE 39, 469
        TIME - 1600                     N18DW               PX-  0  0  0  PLEASURE/PERSONAL TRANSP         TOTAL HOURS, ALL IN TYPE.
                                          DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          FARMINGTON,NM                SALINA,KS
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          COLLIDED WITH  OBJECT                                     LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  MASTER AND CONNECTING RODS
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- #3 CONROD ASSY FAILED.COLLIDED WITH HAYSTACK.HENHOUSE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2769	8/3/79 TIME - 2125	HAYS,KS	MITSUBISHI MU-2B N208MA DAMAGE-DESTROYED	CR- 1 0 0 PX- 6 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 2169 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HAYS MUNICIPAL
DEPARTURE POINT — INTENDED DESTINATION
SALINA,KS — DENVER,CO
TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT NORMAL CRUISE
STALL MUSH — LANDING GO-AROUND

PROBABLE CAUSE(S)
POWERPLANT - COMPRESSOR ASSEMBLY BEARING,ROTOR SHAFT
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
FIRE AFTER IMPACT
REMARKS- FORWARD MAIN SHAFT BEARING,SN P61208,FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2969	9/5/79 TIME - 1245	GARDEN CITY,KS	CESSNA 210L N59200 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 234 TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION — LAST ENROUTE STOP
MILES CITY,MT — CANADIAN,TX — SCOTTSBLUFF,NE
TYPE OF ACCIDENT — PHASE OF OPERATION
FIRE OR EXPLOSION IN FLIGHT — IN FLIGHT NORMAL CRUISE
COLLIDED WITH BUILDING(S) — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
SYSTEMS - ANTI-ICING,DE-ICING SYSTEMS WINDSHIELD ANTI-ICING,DE-ICING SYSTEMS
SYSTEMS - ELECTRICAL SYSTEM RELAYS AND WIRING
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
MISCELLANEOUS ACTS,CONDITIONS - ARCING
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- LEVEL TERRAIN.STRUCK NATURAL GAS METERING STATION.INFLIGHT FIRE FROM LOOSE ALT GND WIRE.ENG FAILED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2760	9/16/79 TIME - 0610	WICHITA,KS	CESSNA 172 N2234E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 144 TOTAL HOURS, 47 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MID-CONTINENT
DEPARTURE POINT: WICHITA,KS
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT: COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION: TAXI OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
REMARKS- COLLIDED W PIPER PA-34,N44928,ACFT MOVED DRG PRE-TAXI CHECKS AS PLT TURNED & LEANED OVER SEAT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2708	9/18/79 TIME - 1210	WICHITA,KS	CESSNA 210 N732PY DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 40, 563 TOTAL HOURS, 399 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - COPELAND
DEPARTURE POINT: NEODESHA,KS
INTENDED DESTINATION: WICHITA,KS
TYPE OF ACCIDENT: OVERSHOOT; COLLIDED WITH DITCHES
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2797	9/27/79 TIME - 1000	GOODLAND,KS	PIPER PA-28 N6484W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 65, 9195 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: GOODLAND,KS
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; NOSE OVER/DOWN
PHASE OF OPERATION: LANDING GO-AROUND; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
TERRAIN - WET,SOFT GROUND
REMARKS- PLT STATED-ACFT TCHDWN DRG SIM FORCED LNDG ON ROAD,L GEAR HIT SFT DIRT ON EDGE OF ROAD.

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FILE   DATE          LOCATION              AIRCRAFT DATA        INJURIES        FLIGHT                          PILOT DATA
                                                                 F  S M/N       PURPOSE

3-2867 11/23/79 NR.COFFEYVILLE.KS          MOONEY M-20J         CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 31, 239
       TIME - 1248                         N201UP               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 200 IN TYPE,
                                           DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
       NAME OF AIRPORT - COFFEYVILLE MUN.
       DEPARTURE POINT             INTENDED DESTINATION           LAST ENROUTE STOP
        COFFEYVILLE.KS             UNKNOWN/NOT REPORTED            UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                  IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
         MISCELLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING
       FIRE AFTER IMPACT
       REMARKS- COLLIDED WITH HIGH TENSION LINES.


3-2958 7/21/79     VERSAILLES.KY           GREAT LAKES 2T-1A    CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 44, 1200
       TIME - 1730                         N3716E               PX-  1  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, UNK/NR IN
                                           DAMAGE-DESTROYED                                                 TYPE, NOT INSTRUMENT
                                                                                                            RATED.
       NAME OF AIRPORT - BLUE GRASS FIELD
       DEPARTURE POINT             INTENDED DESTINATION
         LEXINGTON.KY                LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                     IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
       FACTOR(S)
         MISCELLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING
       FIRE AFTER IMPACT


3-2793 8/13/79     ERLANGER.KY             CESSNA 172E          CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 50, 48 TOTAL
       TIME - 0915                         N5470T               PX-  0  0  0  TRAINING                      HOURS, ALL IN TYPE, NOT
                                           DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - GRTR CINCINNATI
       DEPARTURE POINT             INTENDED DESTINATION
         ERLANGER.KY                 LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         COLLIDED WITH  PARKED AIRCRAFT                              TAXI  OTHER

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
       FACTOR(S)
         AIRFRAME - LANDING GEAR  BRAKING SYSTEM (EMERGENCY SYSTEM)
         MISCELLANEOUS ACTS.CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
       REMARKS- PIC HAND PROPPED ENG DUE DISCHARGED BATTERY.PKG BRK DID NOT HOLD DUE MISADJ.SUB DAMAGE TO N4539X.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2936	10/19/79 TIME - 0015	COVINGTON, KY	BEECH H18S N24K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 33, 4690 TOTAL HOURS, 1550 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GRTR CINCINNATI
DEPARTURE POINT: COVINGTON, KY
INTENDED DESTINATION: INDIANAPOLIS,IN
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- HIT LIGHTPOLES DRG LDG ON HIGHWAY OVERPASS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2946	9/3/79 TIME - 0735	NR.JENA,LA	BELLANCA 17-30 N11811 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 49, 922 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: JENA,LA
INTENDED DESTINATION: BASTROP,LA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- COLLIDED W TREE STUMP DRG LNDG WHERE TIMBER WAS CLEARED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2942	9/6/79 TIME - 1045	HACKBERRY,LA	BELL 47G-4A N7104J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL OTHER	COMMERCIAL, AGE 37, 2042 TOTAL HOURS, 122 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GUN COVE,LA
INTENDED DESTINATION
HACKBERRY,LA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- SOIL SURVEY.LANDED IN MARSH AREA W SMALL SHRUBS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2939	10/3/79 TIME - 2200	OPELOUSAS,LA	PIPER PA-23 N62267 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL.INSTR., AGE 33, 1940 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ST.LANDRY PARISH
DEPARTURE POINT
COVINGTON,GA
INTENDED DESTINATION
OPELOUSAS,LA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
75
WIND DIRECTION-DEGREES
190
WIND VELOCITY-KNOTS
11
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- COLLIDED W TREE STUMP & LOG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2937	10/9/79 TIME - 0733	LAKE CHARLES,LA	BELL 206L N5018N DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 4188 TOTAL HOURS, 81 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — LAKE CHARLES,LA
INTENDED DESTINATION — SULFUR,LA
TYPE OF ACCIDENT — ENGINE FAILURE OR MALFUNCTION
PHASE OF OPERATION — IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
POWERPLANT - TURBINE ASSEMBLY WHEEL TURBINE
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- NO.1 TURBINE,PN 6898991,SN 51956,FAILED.ACFT DESTROYED BY FIRE AFTER SAFE LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2938	10/23/79 TIME - 1250	SHREVEPORT,LA	CESSNA 310A N5340A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 34, 4174 TOTAL HOURS, 469 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - REGIONAL
DEPARTURE POINT — JONESBORO,LA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — WHEELS-UP
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - PRESSURE TOO LOW
MISCELLANEOUS ACTS,CONDITIONS - JAMMED
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
SUSPECTED MECHANICAL DISCREPANCY
REMARKS- NOSE LNDG GEAR JAMMED BY MECHANISM OF WHEEL WELL DOORS.FOUND STRUT UNDER-INFLATED & NO HYDR LEAK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2941	10/25/79 TIME - 1201	SHREVEPORT,LA	CESSNA 310P N5911M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 55, 8093 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DOWNTOWN
DEPARTURE POINT — TYLER,TX
INTENDED DESTINATION — SHREVEPORT,LA
TYPE OF ACCIDENT — GEAR COLLAPSED
PHASE OF OPERATION — TAXI FROM LANDING

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - MISSING
REMARKS- RGT MAIN GEAR,LOWER SCISSOR,CLEVIS PIN MISSING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2943	11/2/79 TIME - 1705	RUSTON,LA	CESSNA 150M N714LX DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 19, 980 TOTAL HOURS, 102 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RUSTON
DEPARTURE POINT: RUSTON,LA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- DIRT DAUBER NEST IN FUEL VENT LINE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2947	11/24/79 TIME - 0750	NR.MORGAN CITY,LA	CESSNA 185 N518C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 33, 5478 TOTAL HOURS, 4705 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: HOUMA,LA
INTENDED DESTINATION: MORGAN CITY,LA
TYPE OF ACCIDENT
WHEELS-DOWN LANDING IN WATER
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
TAXI OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO RETRACT LANDING GEAR
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- STEP TAXI AFTER TOUCHDOWN WITH WHEEL EXTENDED ON FLOAT WATER LANDING.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                        PILOT DATA
                                                              F  S M/N      PURPOSE

3-2948  11/27/79    VINTON,LA          AERO-COMDR S2R      CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 33, 10000
        TIME - 1245                    N4857X              PX-  0  0  0  ASSOC CROP CTL ACTIVITY     TOTAL HOURS, 3810 IN
                                       DAMAGE-SUBSTANTIAL                                            TYPE, NOT INSTRUMENT
                                                                                                     RATED.
        NAME OF AIRPORT - PRIVATE
        DEPARTURE POINT             INTENDED DESTINATION
          VINTON,LA                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  TAKEOFF  RUN
          COLLIDED WITH  DIRT BANK                                  TAKEOFF  RUN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT RUNWAY
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIGH VEGETATION

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED        KIND OF OPERATION - FERTILIZING (LIQUID)
          KIND OF CROP - PASTURE                                    TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                  COCKPIT CRASHPAD - INSTALLED
          CRASH BAR - INSTALLED                                     TANK/HOPPER-LOCATION - FORWARD OF PILOT
          TERRAIN-TYPE - LEVEL,FLAT


3-2944  11/29/79 NR.INTRACSTL CITY,LA  SIKORSKY S-76A      CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 35, 6580
        TIME - 0725                    N476AL              PX-  0  0  0  AIR TAXI-PASSG              TOTAL HOURS, 300 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          PATTERSON,LA                SABINE,TX
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          AIRFRAME - FUSELAGE  OTHER
          MISCELLANEOUS - FOREIGN OBJECT DAMAGE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
        REMARKS- LEFT COWL ASSEMBLY,ENG AIR INLET,PN 76302-67001-055,COLLIDED W ROTOR BLADES & RGT HRZNTL STAB.


3-2945  12/5/79     CAMERON,LA         PIPER PA-32         CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1715                    N321HF              PX-  0  0  2  CORP/EXEC                   AGE 36, 9000 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                            1500 IN TYPE, INSTRUMENT
                                                                                                     RATED.
        NAME OF AIRPORT - CAMERON
        DEPARTURE POINT             INTENDED DESTINATION
          FREEPORT,TX                 CAMERON,LA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
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FILE  DATE        LOCATION          AIRCRAFT DATA         INJURIES      FLIGHT                         PILOT DATA
                                                           F  S M/N     PURPOSE

3-2940 12/19/79   WESTWEGO,LA       HUGHES 369D          CR-  0  0  1  COMMERCIAL               COMMERCIAL, AGE 40, 2318
       TIME - 0940                  N58270               PX-  0  0  0  CONSTRUCTION             TOTAL HOURS, 274 IN TYPE,
                                    DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       DEPARTURE POINT            INTENDED DESTINATION
         WESTWEGO,LA                LOCAL
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE  TAIL ROTOR                   IN FLIGHT  NORMAL CRUISE
         HARD LANDING                                          LANDING  POWER-OFF AUTOROTATIVE LANDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
         MISCELLANEOUS ACTS.CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS ACTS.CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
                                 SUSPECTED OR KNOWN AIRCRAFT DAMAGE
                                 DIRECTIONAL CONTROL PROBLEM
       REMARKS- EXTERNAL LOAD(EMPTY SLING IN BUNDLE)BECAME UNRAVELED & STRUCK TAIL ROTOR.


3-2872 2/23/79    BALTIMORE, MD     PIPER PA-31T         CR-  2  0  0  NONCOMMERCIAL            COMMERCIAL, FL.INSTR.,
       TIME - 1958                  N6123A               PX-  1  1  0  PLEASURE/PERSONAL TRANSP AGE 46, 6522 TOTAL HOURS,
                                    DAMAGE-DESTROYED                                            136 IN TYPE, INSTRUMENT
                                                                                                RATED.
       NAME OF AIRPORT - BLT-WASH INTL
       DEPARTURE POINT            INTENDED DESTINATION
         LYNCHBURG,VA               BALTIMORE, MD
       TYPE OF ACCIDENT                                      PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                            LANDING  FINAL APPROACH
         COLLISION WITH GROUND/WATER  UNCONTROLLED             LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IFR OPERATION
         MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - FOG
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                         CEILING AT ACCIDENT SITE
         OBSCURATION                                           200
       VISIBILITY AT ACCIDENT SITE                           PRECIPITATION AT ACCIDENT SITE
         1/4 MILE OR LESS                                      DRIZZLE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE               TEMPERATURE-F
         FOG                                                   40
       WIND DIRECTION-DEGREES                                WIND VELOCITY-KNOTS
         70                                                    7
       TYPE OF WEATHER CONDITIONS                            TYPE OF FLIGHT PLAN
         BELOW MINIMUMS                                        IFR
       FIRE AFTER IMPACT
       REMARKS- HIT WIRES DRG APCH TO MARTIN ARPT.DIVERTED TO BWI TRAILING 1500FT OF WIRE.
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BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                                F  S M/N     PURPOSE

3-2966  8/30/79      ANNAPOLIS,MD        CESSNA 182RG         CR-  0  0  2  INSTRUCTIONAL                COMMERCIAL, AGE 23, 317
        TIME - 1615                      N6014C               PX-  0  0  0  CHECK                        TOTAL HOURS, 7 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - LEE
        DEPARTURE POINT                INTENDED DESTINATION
          BALTIMORE,MD                   LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          HARD LANDING                                                 LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                               LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-2873  9/9/79       CHESTERTOWN,MD      CESSNA 320F          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 40, 975
        TIME - 1705                      N30CR                PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 266 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - GILL
        DEPARTURE POINT                INTENDED DESTINATION
          CHESTERTOWN,MD                 BALTIMORE,MD
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          FIRE OR EXPLOSION  IN FLIGHT                                 IN FLIGHT  CLIMB TO CRUISE
          WHEELS-UP                                                    LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - EXHAUST SYSTEM  STACKS
          MISCELLANEOUS ACTS,CONDITIONS - UNDER TORQUED
          MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
        EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.


3-2963  9/20/79      GAITHERSBURG,MD     CESSNA 150           CR-  0  0  1  COMMERCIAL                   COMMERCIAL, AGE 50, 2341
        TIME - 2055                      N11593               PX-  0  0  0  AERIAL ADVERTISING           TOTAL HOURS, 775 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - MONTGOMERY COUNTY
        DEPARTURE POINT                INTENDED DESTINATION
          GAITHERSBURG,MD                LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                LANDING  TRAFFIC PATTERN-CIRCLING
          COLLISION WITH GROUND/WATER  CONTROLLED                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  TANKS
          MISCELLANEOUS ACTS,CONDITIONS - COLLAPSED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          TERRAIN - WET,SOFT GROUND
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE    DATE          LOCATION          AIRCRAFT DATA       INJURIES        FLIGHT                          PILOT DATA
                                                             F  S M/N       PURPOSE

3-2866  1/11/79   TEMPLETON,MA         PIPER PA-31          CR-  1  0  0  COMMERCIAL                    COMMERCIAL, FL.INSTR.,
        TIME - 1110                    N33TN                PX-  2  0  0  AIR TAXI-PASSG                AGE 55, 12225 TOTAL
                                       DAMAGE-DESTROYED     OT-  2  0  0                                HOURS, 870 IN TYPE,
                                                                                                        INSTRUMENT RATED.
        NAME OF AIRPORT - GARDNER MUNI
        DEPARTURE POINT             INTENDED DESTINATION
          CONCORD,MA                  WHITE PLAINS, NY
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT

        SPECIAL DATA
          SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
          CONTROLLING AGENCY - NO CONTROL                        TRAFFIC ADVISORY ISSUED - NONE
          CONTROL ZONE/AREA - NO                                 EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED
          ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN


3-2866  1/11/79   TEMPLETON,MA         AEROSTAR 600         CR-  1  0  0  NONCOMMERCIAL                 COMMERCIAL, FL.INSTR.,
        TIME - 1110                    N8022J               PX-  1  0  0  CORP/EXEC                     AGE 23, 1600 TOTAL HOURS,
                                       DAMAGE-DESTROYED     OT-  3  0  0                                UNK/NR IN TYPE, INSTRU-
                                                                                                        MENT RATED.
        NAME OF AIRPORT - GARDNER MUNI
        DEPARTURE POINT             INTENDED DESTINATION
          BOSTON,MA                   SYRACUSE,NY
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT               IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT

        SPECIAL DATA
          SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
          CONTROLLING AGENCY - NO CONTROL                        EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED
          ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN
        FIRE AFTER IMPACT


3-2961  10/20/79   VASSAR,MI           CESSNA 120           CR-  1  0  0  NONCOMMERCIAL                 STUDENT, AGE 29, 53 TOTAL
        TIME - 1610                    N2854N               PX-  0  0  0  PLEASURE/PERSONAL TRANSP      HOURS, ALL IN TYPE, NOT
                                       DAMAGE-DESTROYED                                                 INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          SAGINAW,MI                  UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                      PHASE OF OPERATION
          COLLIDED WITH  TREES                                  IN FLIGHT  BUZZING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        FACTOR(S)
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
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FILE   DATE          LOCATION          AIRCRAFT DATA       INJURIES      FLIGHT                                  PILOT DATA
                                                           F  S M/N      PURPOSE
3-2722 5/18/79    DETROIT LAKES,MN     BEECH B19         CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 31, 52 TOTAL
       TIME - 1430                     N23849            PX-  0  0  0  SOLO                          HOURS, 50 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       NAME OF AIRPORT - DETROIT LAKES MUN
       DEPARTURE POINT             INTENDED DESTINATION          LAST ENROUTE STOP
         HIBBLING,MN                 DETROIT LAKES,MN              ST.CLOUD,MN
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             LANDING  TRAFFIC PATTERN-CIRCLING
         HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
       REMARKS- PLT STATED-UNABLE TO ALIGN ACFT W RWY DRG EMERG LNDG


3-2735 5/19/79    GLENWOOD,MN          PIPER PA-28       CR-  0  0  1  INSTRUCTIONAL                 STUDENT, AGE 22, 30 TOTAL
       TIME - 1520                     N5725U            PX-  0  0  0  SOLO                          HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       NAME OF AIRPORT - GLENWOOD MUNI
       DEPARTURE POINT             INTENDED DESTINATION
         NEW ULM,MN                  ALEXANDRIA,MN
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
       FACTOR(S)
         TERRAIN - WET,SOFT GROUND
         MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
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best copy available

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2720	6/9/79 TIME - 1120	EDEN PRAIRIE,MN	CESSNA 185 N4328R DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 55, 19400 TOTAL HOURS, 88 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FLYING CLOUD
DEPARTURE POINT — INTENDED DESTINATION
EDEN PRAIRIE,MN — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING OTHER

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FLOAT EQPD.LNDD ON LAND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2727	6/10/79 TIME - 1000	LONGVILLE,MN	CESSNA 177 N34471 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 6333 TOTAL HOURS, 2238 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LONGVILLE MUNI
DEPARTURE POINT — INTENDED DESTINATION
LONGVILLE,MN — TOPEKA,KS
LAST ENROUTE STOP
REDWOOD FALLS,MN
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
DITCHING
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - STUCK
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- EXHAUST VALVE,#3 CYLINDER STUCK IN PARTIALLY OPEN POSITION.

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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES        FLIGHT                          PILOT DATA
                                                              F  S M/N       PURPOSE

3-2739 6/11/79   ST.PAUL,MN            SCORPION II          CR-  0  0  1  MISCELLANEOUS            PRIVATE, AGE 19, 488
       TIME - 1400                     N711RJ               PX-  0  0  0  TEST                     TOTAL HOURS, 24 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         ST.PAUL,MN                    LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                            TAKEOFF  VERTICAL
         COLLIDED WITH  TREES                                     LANDING  POWER-OFF AUTOROTATIVE LANDING

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - ENGINE STRUCTURE  CYLINDER ASSEMBLY
         POWERPLANT - IGNITION SYSTEM  MAGNETOS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- ENG-ROTORWAYS,MDL 133,W/O CARB HEAT.CORROSION IN MAG & CYLS.COMPRESSION LEAK.ACFT NOT AIRWORTHY.


3-2721 7/2/79   NR.WILLMAR,MN          HUGHES 269C          CR-  0  0  1  COMMERCIAL               COMMERCIAL, AGE 23, 438
       TIME - 2000                     N7448F               PX-  0  0  0  ASSOC CROP CTL ACTIVITY  TOTAL HOURS, 429 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       NAME OF AIRPORT - TRAILER HELIPAD
       DEPARTURE POINT               INTENDED DESTINATION
        WILLMAR,MN                     LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED                TAKEOFF  VERTICAL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - GROUND RESONANCE

       SPECIAL DATA
         TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED       KIND OF OPERATION - SPRAYING CROPS
         KIND OF CROP - CORN                                      TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
         PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - NOT USED
         GOGGLES - NOT USED                                       CRASH HELMET - AVAILABLE-NOT USED
         COCKPIT CRASHPAD - NOT INSTALLED                         CRASH BAR - NOT INSTALLED
         TANK/HOPPER-LOCATION - AFT OF PILOT                      TERRAIN-TYPE - LEVEL,FLAT
         ELEVATION-AREA BEING TREATED-FEET -  1100
       REMARKS- ACFT NOT CERTIFICATED FOR SPRAYING.


3-2718 7/12/79    EVELETH,MN           PIPER PA-31          CR-  0  0  1  NONCOMMERCIAL            COMMERCIAL, AGE 36, 1920
       TIME - 1000                     N6192A               PX-  0  0  2  CORP/EXEC                TOTAL HOURS, 178 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          INSTRUMENT RATED.
       NAME OF AIRPORT - EVELETH-VIRGINIA
       DEPARTURE POINT               INTENDED DESTINATION
         DULUTH,MN                     EVELETH,MN
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         WHEELS-UP                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2761	7/21/79 TIME - 0730	MANKATO,MN	BELLANCA 7GCAA N9186L DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 127 TOTAL HOURS, 103 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAWRENCE IRELAND
DEPARTURE POINT — MANKATO,MN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
COLLIDED WITH CROP
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
REMARKS- PIC ALLOWED CFI IN REAR SEAT TO MAKE LOG.CFI HAD NO TIME IN MAKE & MODEL.HIT CORN AT END OF RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2738	7/24/79 TIME - 2030	BELVIEW,MN	CESSNA 188T N2070J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 1677 TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DONNER
DEPARTURE POINT — BELVIEW,MN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
SWATH RUN-HOW FLOWN - WIND CALM
KIND OF OPERATION - FERTILIZING (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - ROLLING
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
REMARKS- SHOULDER HARNESS INERTIA REEL FAILED TO CATCH.RESULT.TWO INCH CUT IN PILOT'S HEAD.

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FILE    DATE          LOCATION           AIRCRAFT DATA          INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N      PURPOSE
3-2719  7/28/79     BRAINERD,MN          CESSNA 152          CR-  0  0  1  INSTRUCTIONAL           STUDENT, AGE 27, 35 TOTAL
        TIME - 1330                      N7572V              PX-  0  0  0  TRAINING                HOURS, ALL IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                        INSTRUMENT RATED.
        NAME OF AIRPORT - CROW WING COUNTY
        DEPARTURE POINT                INTENDED DESTINATION
          DULUTH,MN                      MINNEAPOLIS,MN              LAST ENROUTE STOP
        TYPE OF ACCIDENT                                               BRAINERD,MN
          HARD LANDING                                               PHASE OF OPERATION
          NOSE OVER/DOWN                                               LANDING  LEVEL OFF/TOUCHDOWN
                                                                       LANDING  ROLL
        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        REMARKS- PORPOISED AFTER INITIAL TOUCHDOWN.

3-2732  7/29/79     WARROAD,MN           PIPER PA-25         CR-  0  0  1  COMMERCIAL
        TIME - 0700                      N72987              PX-  0  0  0  AERIAL APPLICATION      COMMERCIAL, FL.INSTR.,
                                         DAMAGE-SUBSTANTIAL                                        AGE 32, 4684 TOTAL HOURS,
        NAME OF AIRPORT - WARROAD MUN                                                              513 IN TYPE, INSTRUMENT
        DEPARTURE POINT                INTENDED DESTINATION                                        RATED.
          WARROAD,MN                     LOCAL
        TYPE OF ACCIDENT
          ENGINE FAILURE OR MALFUNCTION                              PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                      IN FLIGHT  SWATH RUN
                                                                       LANDING  LEVEL OFF/TOUCHDOWN
        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 4300
          KIND OF CROP - GRAIN FIELDS                                KIND OF OPERATION - SPRAYING CROPS
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                   TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          GOGGLES - NOT USED                                         GLOVES - NOT USED
          COCKPIT CRASHPAD - INSTALLED                               CRASH HELMET - AVAILABLE USED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                    CRASH BAR - NOT INSTALLED
          ELEVATION-AREA BEING TREATED-FEET -  1070                  TERRAIN-TYPE - LEVEL,FLAT
                                                                     SWATH RUN-HOW FLOWN - WIND CALM
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2733	8/3/79 TIME - 1630	WHEATON,MN	PIPER PA-32 N9636C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 17, 72 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WHEATON MUNI
DEPARTURE POINT: CRYSTAL,MN
INTENDED DESTINATION: WHEATON,MN
TYPE OF ACCIDENT
OVERSHOOT
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE
REMARKS- WND GUSTING 12KTS.PLT STATED-MISINTERPRETED WNDSOCK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2736	8/15/79 TIME - 1900	CAMPBELL,MN	GRUMMAN G-164 N10214 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 22, 279 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CURT SEHRKE FARM
DEPARTURE POINT: CAMPBELL,MN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS
NOSE OVER/DOWN
PHASE OF OPERATION
TAKEOFF ABORTED
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- LOOSE DIRT RUNWAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2724	8/25/79 TIME - 0650	WALKER,MN	PIPER PA-25 N9732P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 1976 TOTAL HOURS, 1020 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WALKER MUNICIPAL
DEPARTURE POINT
WALKER,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1000
KIND OF CROP - FOREST-TREES
PILOT'S SEAT BELT - NOT FASTENED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING FORESTS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2723	9/2/79 TIME - 1650	NR.ST.PETER,MN	BELL 47G-2 N59H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 31, 779 TOTAL HOURS, 549 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOLMBERG FARM PAD
DEPARTURE POINT
ST.PETER,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ROLL OVER
PHASE OF OPERATION
TAKEOFF VERTICAL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
315
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WIND GUSTING TO 25KTS.
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
81
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
NONE

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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES       FLIGHT                          PILOT DATA
                                                                F  S M/N       PURPOSE

3-2762 9/8/79      MONTICELLO,MN        CESSNA 150J          CR-  0  0  1  NONCOMMERCIAL             COMMERCIAL, AGE 45, 408
       TIME - 1020                      N60321               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 154 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - MONTICELLO FLYNN
       DEPARTURE POINT                INTENDED DESTINATION
         MONTICELLO,MN                  ANOKA,MN
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         STALL  MUSH                                             TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
         PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
       REMARKS- FLAPS FOUND FULL DWN.FLAP SYS CHECKED NORMAL.


3-2737 9/21/79     MINNEAPOLIS,MN       PIETENPOL AIRCMP     CR-  0  0  1  NONCOMMERCIAL             PRIVATE, AGE 67, 393
       TIME - 1030                      N25157               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 5 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       NAME OF AIRPORT - ANOKA CO-BLAINE
       DEPARTURE POINT                INTENDED DESTINATION
         MINNEAPOLIS,MN                 LOCAL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         GEAR COLLAPSED                                          LANDING  LEVEL OFF/TOUCHDOWN
         NOSE OVER/DOWN                                          LANDING  ROLL

       PROBABLE CAUSE(S)
         AIRFRAME - LANDING GEAR  MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - POOR WELD
       REMARKS- L MAIN GEAR FAILED AT WELDED AREA.WELD CRYSTALIZED & GRANULAR.
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FILE DATE LOCATION AIRCRAFT DATA INJURIES (F S M/N) FLIGHT PURPOSE PILOT DATA

3-2726 9/24/79 THIEF RIV FLS,MN CESSNA 140 CR- 0 0 1 INSTRUCTIONAL STUDENT, AGE 31, 28 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.
TIME - 1530 N3073N PX- 0 0 0 TRAINING
DAMAGE-SUBSTANTIAL
DEPARTURE POINT
THIEF RIV FLS,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO US
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - WET,SOFT GROUND
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
65
WIND DIRECTION-DEGREES
280
WIND VELOCITY-KNOTS
8
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- STUDENT PILOT,PRACTICING TURNS & STALLS,APPLIED POWER TO CLIMB,POWER FAILED.

3-2729 10/13/79 AITKIN,MN PIPER PA-32 CR- 0 0 1 NONCOMMERCIAL PRIVATE, AGE 40, 488 TOTAL HOURS, 136 IN TYPE, NOT INSTRUMENT RATED.
TIME - 1315 N36815 PX- 0 0 4 PLEASURE/PERSONAL TRANSP
DAMAGE-SUBSTANTIAL
NAME OF AIRPORT - AITKIN MUN.
DEPARTURE POINT
ST.PAUL,MN
INTENDED DESTINATION
AITKIN,MN
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2731	10/14/79 TIME - 1750	EVELETH,MN	PIPER PA-28 N6616W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	PRIVATE, AGE 46, 171 TOTAL HOURS, 132 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SKY HARBOR
DEPARTURE POINT: EVELETH,MN
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
REMARKS- FERRY FLIGHT FOR MAINTENANCE.COLLIDED WITH PARKED AIRCRAFT,N3405Y.SUBSTANTIAL DAMAGE TO N3405Y.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2728	10/19/79 TIME - 2100	WHEATON,MN	CESSNA 177 N29486 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 209 TOTAL HOURS, 96 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WHEATON MUNI
DEPARTURE POINT: ALEXANDRIA,MN
INTENDED DESTINATION: WHEATON,MN
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- VASI INSTALLED,NOT OPERATING.WND GUSTING 24KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2730	10/23/79 TIME - 0730	NR.COLD SPRINGS,MN	PIPER PA-23 N62818 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 35, 7440 TOTAL HOURS, 2148 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: MINNEAPOLIS,MN
INTENDED DESTINATION: FERGUS FALLS,MN
TYPE OF ACCIDENT
BIRD STRIKE
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
MISCELLANEOUS - BIRD COLLISION

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2725	11/7/79 TIME - 1445	GRAND RAPIDS,MN	CESSNA 340A N1389G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 26, 2394 TOTAL HOURS, 145 IN TYPE, INSTRUMENT RATED.

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NAME OF AIRPORT - ITASCA COUNTY
DEPARTURE POINT                 INTENDED DESTINATION
  ST.CLOUD,MN                     GRAND RAPIDS,MN
TYPE OF ACCIDENT
  HARD LANDING                                        PHASE OF OPERATION
                                                        LANDING  GO-AROUND
PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  MISCELLANEOUS ACTS,CONDITIONS - ICE-WINDSHIELD
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SNOW ON RUNWAY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION                                        CEILING AT ACCIDENT SITE
  BROKEN                                               1000
VISIBILITY AT ACCIDENT SITE                          PRECIPITATION AT ACCIDENT SITE
  2 MILES OR LESS                                      SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE              RELATIVE BEARING OF WIND
  FOG                                                  CALM
TEMPERATURE-F                                        WIND VELOCITY-KNOTS
  32                                                   CALM
TYPE OF WEATHER CONDITIONS                           TYPE OF FLIGHT PLAN
  IFR                                                  IFR
REMARKS- PLT STATED-DEPTH PERCEPTION DISTORTED DUE TO SNOW ON RWY,ICE ON WNDSHLD & RWY GRADIENT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2711	6/23/79 TIME - 1100	BOWLING GREEN,MO	DAVIS DA2B N74FJ DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 2000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

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NAME OF AIRPORT - BOWLING GREEN
DEPARTURE POINT                 INTENDED DESTINATION
  BOWLING GREEN,MO                UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT                                     PHASE OF OPERATION
  ENGINE FAILURE OR MALFUNCTION                        IN FLIGHT  CLIMB TO CRUISE
  STALL                                                IN FLIGHT  CLIMB TO CRUISE
PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                                PILOT DATA
                                                                 F  S M/N      PURPOSE

3-2889  8/14/79    PLEASANT HILL,MO     CESSNA 150J          CR-  1  0  0  NONCOMMERCIAL              STUDENT, AGE 28, 30 TOTAL
        TIME - 0130                     N60677               PX-  0  1  0  PLEASURE/PERSONAL TRANSP   HOURS, ALL IN TYPE, NOT
                                        DAMAGE-DESTROYED                                               INSTRUMENT RATED.
        NAME OF AIRPORT - LAKE WINNEBAGO
        DEPARTURE POINT              INTENDED DESTINATION
          PLEASANT HILL,MO             LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL                                                     LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
          MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
        REMARKS- ALCOHOL CONTENT-BLOOD .225%, URINE .240%.CIGARETTE BUTT CONTAINING MARIJUANA FOUND IN ASHTRAY.


3-2714  9/11/79    LAKE WINNEBAGO,MO    PIPER PA-28R         CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 26, 380
        TIME - 2330                     N1094X               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 50 IN TYPE,
                                        DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LAKE WINNEBAGO
        DEPARTURE POINT              INTENDED DESTINATION
          LEE'S SUMMIT,MO              LAKE WINNEBAGO,MO
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                      LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
        FIRE AFTER IMPACT
        REMARKS- PLT JUMPED FROM ACFT DRG ROLL.


3-2764  9/19/79    HARRISONVILLE,MO     WAR FW-190           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 25, 283
        TIME - 1630                     N18828               PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 12 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HARRISONVILLE
        DEPARTURE POINT              INTENDED DESTINATION
          HARRISONVILLE,MO             LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  MUSH                                               TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PREMATURE LIFT-OFF
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2763	9/19/79 TIME - 1900	WALDRON,MO	STOEGER VOL VJ22 N160S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	PRIVATE, AGE 58, 1167 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NOAH'S ARK
DEPARTURE POINT
WALDRON,MO
INTENDED DESTINATION
LEEWOOD,KS
LAST ENROUTE STOP
WALDRON,MO
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
REMARKS- PIC'S 1ST FLT IN THIS MAKE & MODEL.ENG MOUNTED ABOVE WING.PLT DIDN'T EXPECT NOSE DROP W ADDED PWR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2893	9/20/79 TIME - 1740	WEST QUINCY,MO	CESSNA 150F N8240S DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 51, 175 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
QUINCY,IL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- ON PREVIOUS FLTS WITNESSES OBSERVED ACFT BUZZING GROUND OBJECTS & BOATS ON THE RIVER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2713	9/22/79 TIME - 1620	LAMAR,MO	PIPER PA-28 N1214T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 70 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAMAR MUNI
DEPARTURE POINT
SABETHA,KS
INTENDED DESTINATION
LAMAR,MO
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

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FILE   DATE          LOCATION           AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-2712 9/30/79    GREEN CITY,MO        PIPER PA-32          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 43, 371
       TIME - 2130                     N3209W               PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 60 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - WIDMARK
       DEPARTURE POINT               INTENDED DESTINATION            LAST ENROUTE STOP
         GREEN CITY,MO                 GREEN CITY,MO                   KIRKSVILLE,MO
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         UNDERSHOOT                                                    LANDING  FINAL APPROACH
         COLLIDED WITH  OBJECT                                         LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
       REMARKS- COLLIDED W TREE & FENCE POST.40FT FROM RWY.


3-2891 10/28/79   LEE'S SUMMIT,MO      PIPER PA-22          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 48, 375
       TIME - 1550                     N3429A               PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 275 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - LAKE LOTAWANA PVT
       DEPARTURE POINT               INTENDED DESTINATION
         LEE'S SUMMIT,MO               LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                 TAKEOFF  INITIAL CLIMB
         STALL                                                         LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2717 11/10/79 NR,WARRENSBURG,MO      CESSNA 152           CR-  0  0  2  INSTRUCTIONAL                COMMERCIAL, FL.INSTR.,
       TIME - 0950                     N69206               PX-  0  0  0  DUAL                         AGE 60, 5436 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                              2560 IN TYPE, INSTRUMENT
                                                                                                       RATED.
       NAME OF AIRPORT - SKYHAVEN
       DEPARTURE POINT               INTENDED DESTINATION
         WARRENSBURG,MO                LOCAL
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                    LANDING  OTHER

       PROBABLE CAUSE(S)
         DUAL STUDENT - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
         PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
       REMARKS- COLLIDED W PWR LINE DRG SIM FORCED LNDG.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2716	11/15/79 TIME - 1205	WILLOW SPRINGS,MO	CESSNA 150L N7137G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 26, 46 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WILLOW SPRINGS
DEPARTURE POINT
SPRINGFIELD,MO
INTENDED DESTINATION
ROLLA,MO
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2890	11/16/79 TIME - 0810	NR.STET,MO	CESSNA 150D N7999Z DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 475 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
REGAL,MO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FIRE AFTER IMPACT
REMARKS- CIRCLED HOUSE 3 TIMES,DROPPED PACKAGE THEN CONTINUED CIRCLING.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2892	11/20/79 TIME - 1800	NR.NEW BOSTON,MO	AMER AVCO AA1-A N9387L DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 299 TOTAL HOURS, 247 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
CRESTON,IA
INTENDED DESTINATION
CAPE GIRARDEU,MO
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
90
TYPE OF WEATHER CONDITIONS
IFR

CEILING AT ACCIDENT SITE
200
PRECIPITATION AT ACCIDENT SITE
RAIN SHOWERS
TEMPERATURE-F
46
WIND VELOCITY-KNOTS
13
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2715	12/6/79 TIME - 1400	LEE'S SUMMIT,MO	CESSNA 152 N24547 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 27, 29 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LEE'S SUMMIT
DEPARTURE POINT
LEE'S SUMMIT,MO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- PLT STATED-WND GUST LIFT ACFT OFF AFTER LNDG TOUCHDWN & ACFT LANDED HARD ON 2ND TOUCHDWN.

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FILE   DATE          LOCATION          AIRCRAFT DATA         INJURIES      FLIGHT                                  PILOT DATA
                                                              F  S M/N     PURPOSE

3-2789 12/2/79    RED LODGE,MT        CESSNA 182E          CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 36, 266
       TIME - 0900                     N3136Y               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 167 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - RED LODGE
       DEPARTURE POINT               INTENDED DESTINATION
         BILLINGS,MT                   RED LODGE,MT
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         UNDERSHOOT                                              LANDING  FINAL APPROACH
         GEAR COLLAPSED                                          LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
       FACTOR(S)
         WEATHER - DOWNDRAFT,UPDRAFTS
         TERRAIN - SNOW-COVERED
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION
         SCATTERED                                             CEILING AT ACCIDENT SITE
       VISIBILITY AT ACCIDENT SITE                               UNLIMITED
         5 OR OVER(UNLIMITED)                                  PRECIPITATION AT ACCIDENT SITE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   NONE
         NONE                                                  TEMPERATURE-F
       WIND DIRECTION-DEGREES                                    40
         135                                                   WIND VELOCITY-KNOTS
       TYPE OF WEATHER CONDITIONS                                8
         VFR                                                   TYPE OF FLIGHT PLAN
       REMARKS- ENCOUNTERED DOWNDRAFTS.                          NONE

3-2759 8/10/79    KEARNEY,NE          CESSNA P206A         CR-  0  0  1  NONCOMMERCIAL
       TIME - 1630                     N2679X               PX-  0  0  0  PLEASURE/PERSONAL TRANSP     PRIVATE, AGE 49, 853
                                       DAMAGE-SUBSTANTIAL                                              TOTAL HOURS, 242 IN TYPE,
       DEPARTURE POINT               INTENDED DESTINATION                                              NOT INSTRUMENT RATED.
         GRAND ISLAND,NE               LEXINGTON,NE
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                          LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         TERRAIN - WET,SOFT GROUND
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2882	9/6/79 TIME - 1538	SIDNEY,NE	MONG SPORT MS-2 N563A DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 62, 2450 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SIDNEY MUNICIPAL
DEPARTURE POINT: SIDNEY,NE
INTENDED DESTINATION: CHEYENNE,WY
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  STALL SPIN
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- EXHAUST VALVE NUMBER 2 CYLINDER FAILED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2883	9/21/79 TIME - 1530	NR.BASSETT,NE	BEECH 36 N50NB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS OTHER PUBLIC	AIRLINE TRANSPORT, AGE 57, 6700 TOTAL HOURS, 1152 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: AINSWORTH,NE
INTENDED DESTINATION: LINCOLN,NE
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE CRANKSHAFT
  MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- EMERG LDG COUNTY RD.VEERED LEFT ON LDG ROLL TO MISS COW CONTACTED ROAD DITCH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2884	11/25/79 TIME - UNK/NR	COLUMBUS,NE	PIPER PA-23 N6496Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 5 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 764 TOTAL HOURS, 390 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - COLUMBUS MUNI
DEPARTURE POINT
  COLUMBUS,NE
INTENDED DESTINATION
  FREMONT,NE
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL, BY PHONE
WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  1000
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TEMPERATURE-F
  34
TYPE OF WEATHER CONDITIONS
  UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
  NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2801	5/18/79 TIME - 2230	NR.GLENDALE,NV	STINSON 108-2 N6312M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 29, 450 TOTAL HOURS, 50 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  LAS VEGAS,NV
INTENDED DESTINATION
  SAINT GEORGE,UT
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING OTHER

PROBABLE CAUSE(S)
  POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FORCED LDG IN DESERT AT NIGHT,HIT GRD ON BASE LEG.NO 5&6 CON RODS FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2841	7/8/79 TIME - 1030	NR.RENO,NV	WREN 182H N8310S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 46, 727 TOTAL HOURS, 88 IN TYPE, NOT INSTRU- MENT RATED.

NAME OF AIRPORT - MCWHORTA RANCH
DEPARTURE POINT — RENO,NV
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 75
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- PLT NOTED NO ACCEL AFTER 1ST HALF OF RWY.LFTOFF W APCHG ROUGH TERRAIN.ACFT SETTLED.D/A APRX 6300FT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2803	9/16/79 TIME - 1627	RENO,NV	N AMERICAN P-51D N7715C DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS AIR SHOW/RACING	AIRLINE TRANSPORT, AGE 27, 3000 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - RENO STEAD
DEPARTURE POINT — RENO,NV
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- PYLON RACING AT RENO AIR RACES.ENG FAILED DRG FINAL LAP.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                         PILOT DATA
                                                              F  S M/N     PURPOSE
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3-2957  11/7/79  NR.WELLS,NV.          AEROSPATILE 315B    CR-  0  0  1  COMMERCIAL              COMMERCIAL, AGE 36, 4340
        TIME - 1500                    N3593Z              PX-  0  0  0  OTHER                   TOTAL HOURS, 652 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                        NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          WELLS,NV.                    LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          MISCELLANEOUS                                             IN FLIGHT  HOVERING
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
          MISCELLANEOUS ACTS,CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS
        FIRE AFTER IMPACT
        REMARKS- STRINGING PWR LINE.ATTACHING DEVICE FAILED ALLOWING PULL LINE TO SNAP BACK,WRAP ARND ROTOR BLADES.

3-2802  11/9/79  NR.LAS VEGAS,NV       CESSNA 150M         CR-  0  0  1  INSTRUCTIONAL           STUDENT, AGE UNK/NR. 61
        TIME - 1235                    N4014V              PX-  0  0  0  SOLO                    TOTAL HOURS, 43 IN TYPE,
                                       DAMAGE-DESTROYED                                          NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          APPLE VALLEY,CA              LAS VEGAS,NV
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

3-2956  11/15/79  BOULDER CITY,NV.     CESSNA 150B         CR-  0  0  1  NONCOMMERCIAL           COMMERCIAL, FL.INSTR.,
        TIME - 1730                    N1162Y              PX-  0  0  0  PLEASURE/PERSONAL TRANSP AGE 51, 1700 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                        90 IN TYPE, NOT INSTRU-
        NAME OF AIRPORT - BOULDER CITY                                                           MENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          LAS VEGAS,NV.                BOULDER CITY,NV.
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2879	9/9/79 TIME - 1322	CHARLESTOWN,NH	PIPER PA-28 N159TA DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 44, 130 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
STERLING,MA
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
LAST ENROUTE STOP
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT BUZZING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
REMARKS- HIT POWER LINES ACROSS RIVER.LINES APRX 45FT ABOVE SURFACE OF RIVER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2799	3/25/79 TIME - 1400	ALBUQUERQUE,NM	PIPER PA-24 N8243P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 29, 600 TOTAL HOURS, 307 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ALBUQUERQUE INTL
DEPARTURE POINT
ALBUQUERQUE,NM
INTENDED DESTINATION
DALLAS,TX
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- DA APPROX 7000FT.ACFT 80LBS UNDER MAX G/W NOT INCL BAGGAGE.CONSIDERABLE BAGGAGE LOADED ON ACFT.

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2800	4/9/79 TIME - 2030	ALBUQUERQUE,NM	CESSNA 402 N45140 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 27, 3193 TOTAL HOURS, 168 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ALBUQUERQUE INTL
DEPARTURE POINT: LAS CRUCES,NM — INTENDED DESTINATION: ALBUQUERQUE,NM
TYPE OF ACCIDENT: COLLIDED WITH PARKED AIRCRAFT — PHASE OF OPERATION: TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RAMP FACILITIES
REMARKS- NO LIGHTING IN PORTION OF RAMP WHERE COLLISION OCCURED.COLLIDED WITH C402,N402LV,MINOR DAMAGE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2881	9/4/79 TIME - 1907	PINNACLE,NC	CESSNA 172N N738ER DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 86 TOTAL HOURS, 46 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: WINSTON-SALEM,NC — INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED — PHASE OF OPERATION: IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FIRE AFTER IMPACT
REMARKS- FRONT SEAT PSGR WAS FORMER AEROBATIC CHAMPION.CODEINE LVL 0.06MG%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2954	11/4/79 TIME - 1215	BOONE,NC	PIPER PA-28 N3927X DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 30, 830 TOTAL HOURS, 50 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BLOWING ROCK
DEPARTURE POINT: WILMINGTON,NC — INTENDED DESTINATION: BOONE,NC
TYPE OF ACCIDENT: OVERSHOOT; COLLIDED WITH TREES — PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
TERRAIN - WET,SOFT GROUND

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                         PILOT DATA
                                                                F  S M/N    PURPOSE

3-2795 11/21/79   AVENTON,NC             PIPER PA-38          CR-  1  0  0  INSTRUCTIONAL                  STUDENT, AGE 44, 28 TOTAL
       TIME - 1645                       N9310T               PX-  0  0  0  SOLO                           HOURS, 27 IN TYPE, NOT
                                           DAMAGE-DESTROYED                                                INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         ROCKY MOUNT,NC                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  ELECTRONIC TOWERS                          IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
         PILOT IN COMMAND - EXERCISED POOR JUDGMENT
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
       REMARKS- LOW PASS OVER FAMILY OWNED MARKET.STRUCK ANTENNA TOWER.


3-2817 7/1/79      MINOT,ND              SWEARINGEN SA26AT    CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL, AGE 32, 2808
       TIME - 1715                       N711SA               PX-  0  0  8  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 12 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - MINOT INTL
       DEPARTURE POINT                 INTENDED DESTINATION          LAST ENROUTE STOP
         REGINA,CANADA                   OKLAHOMA CITY,OK              MINOT,ND
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                      LANDING  ROLL
         GEAR COLLAPSED                                                LANDING  ROLL

       PROBABLE CAUSE(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RAMP/TAXIWAY SURFACE
         MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY
       FACTOR(S)
         WEATHER - RAIN
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                                 CEILING AT ACCIDENT SITE
         OBSCURATION                                                   UNKNOWN/NOT REPORTED
       VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
         1/2 MILE OR LESS                                              RAIN, THUNDERSTORM
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       RELATIVE BEARING OF WIND
         FOG                                                           HEAD WIND 338-022 DEGREES
       TEMPERATURE-F                                                 WIND DIRECTION-DEGREES
         65                                                            130
       WIND VELOCITY-KNOTS                                           TYPE OF WEATHER CONDITIONS
         14                                                            IFR
       TYPE OF FLIGHT PLAN
         IFR
       REMARKS- 3 TO 5 INCHES WATER ON RUNWAY.DRAINAGE SYSTEM INOPERATIVE IN CONST AREA NR RWY.
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FILE   DATE        LOCATION            AIRCRAFT DATA          INJURIES    FLIGHT                             PILOT DATA
                                                               F  S M/N   PURPOSE
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3-2734 8/26/79     BOTTINEAU,ND        COMMONWLTH 185         CR-  0 0 1  NONCOMMERCIAL                      PRIVATE, AGE 28, 950
       TIME - 2000                     N73825                 PX-  0 0 1  PLEASURE/PERSONAL TRANSP           TOTAL HOURS, 5 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                                     NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         BOTTINEAU,ND                  MINOT,ND
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  DITCHES                                      TAKEOFF  RUN
         GEAR COLLAPSED                                              TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- OFF AIRPORT OPERATION-HAYFIELD.


3-2978 7/17/79  NR.WARREN,OH           PITTS S1               CR-  1 0 0  NONCOMMERCIAL                      COMMERCIAL, AGE 38,
       TIME - 1320                     N2543                  PX-  0 0 0  PLEASURE/PERSONAL TRANSP           UNK/NR TOTAL HOURS,
                                       DAMAGE-DESTROYED                                                       UNK/NR IN TYPE, INSTRU-
       NAME OF AIRPORT - WARREN                                                                               MENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         WARREN,OH                     LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         STALL  SPIN                                                 IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
         PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
       REMARKS- WITNESSES SAW AC STALL,SPIN,THEN GO INTO FLAT INVERTED SPIN.


3-2981 9/12/79     KINGS MILLS,OH      ENSTROM F-28A          CR-  0 1 0  NONCOMMERCIAL                      PRIVATE, AGE 32, 86 TOTAL
       TIME - 2309                     N2440                  PX-  1 0 0  PLEASURE/PERSONAL TRANSP           HOURS, 81 IN TYPE, NOT
                                       DAMAGE-DESTROYED                                                       INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         CINCINNATI,OH                 COLUMBUS,OH
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                  IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       REMARKS- P SAID-1500FT MSL.PAX(ASLEEP)FELL FWD ON COLLECTIVE.ALTIMETER SET 480FT HI.HIT PWR LINE-917FT MSL.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2979	9/12/79 TIME - 1430	NR.STEUBENVILLE,OH	PIPER PA-24 N5349P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 29, 173 TOTAL HOURS, 48 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - STEUBENVILLE PIER
DEPARTURE POINT
DAYTON,OH
INTENDED DESTINATION
STEUBENVILLE,OH
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)
MISCELLANEOUS ACTS,CONDITIONS - FRAYED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- TREE STUMP,BRAKE CABLE P/N21077-00 SEPARATED DURING BRAKING ACTION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2870	9/28/79 TIME - 1618	URBANA,OH	GRUM AMER AA-5A N26755 DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 321 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GRIMES FIELD
DEPARTURE POINT
MOLINE,IL
INTENDED DESTINATION
COLUMBUS,OH
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - BECAME LOST/DISORIENTED
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
WIND DIRECTION-DEGREES
320
TYPE OF WEATHER CONDITIONS
IFR
CEILING AT ACCIDENT SITE
500
PRECIPITATION AT ACCIDENT SITE
DRIZZLE
TEMPERATURE-F
64
WIND VELOCITY-KNOTS
7
TYPE OF FLIGHT PLAN
NONE
REMARKS- AIRCRAFT WAS SEEN REVERSING COURSE IN VICINITY OF GRIMES FIELD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2955	10/27/79 TIME - 1945	CARROLLTON,OH	CESSNA 152 N49410 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PRACTICE	COMMERCIAL, FL.INSTR., AGE 43, 798 TOTAL HOURS, 403 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CARROLL COUNTY
DEPARTURE POINT — BEACH CITY,OH
INTENDED DESTINATION — CARROLLTON,OH
TYPE OF ACCIDENT
  COLLIDED WITH ANIMALS
PHASE OF OPERATION
  TAKEOFF RUN

PROBABLE CAUSE(S)
  MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP
REMARKS- COLLIDED WITH 2 DEER DRG NIGHT TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2980	11/18/79 TIME - 1051	NR.COLUMBUS,OH	CESSNA 170A N9032A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 1077 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SOUTH COLUMBUS
DEPARTURE POINT — COLUMBUS,OH
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY
  POWERPLANT - FUEL SYSTEM CARBURETOR
  MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
  PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PIECE OF WEATHER SEALING FOUND IN THROAT OF CARB.HIT BRUSH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2868	7/22/79 TIME - 1015	NR.KINGFISHER,OK	CESSNA T210N N5364A DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	MISCELLANEOUS FERRY	PRIVATE, AGE 48, 2245 TOTAL HOURS, 155 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
CAPE GIRARDEAU,MO
INTENDED DESTINATION
FRESNO,CA
LAST ENROUTE STOP
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
PERSONNEL - WEATHER PERSONNEL INCORRECT WEATHER FORECAST
MISCELLANEOUS ACTS.CONDITIONS - SEPARATION IN FLIGHT
AIRFRAME - WINGS SPARS
AIRFRAME - FLIGHT CONTROL SURFACES HORIZONTAL STABILIZER, ATTACHMENTS
MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST COMPLETETELY ERRONEOUS

SKY CONDITION
BROKEN
CEILING AT ACCIDENT SITE
7000
VISIBILITY AT ACCIDENT SITE
3 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
TEMPERATURE-F
81
WIND DIRECTION-DEGREES
180
WIND VELOCITY-KNOTS
11
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- EMBEDDED THUNDERSTORMS NOT FORCAST PRIOR TO DEPARTURE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2968	8/21/79 TIME - 1535	NR.PAULS VALLEY,OK	PIPER PA-22 N652A DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 385 TOTAL HOURS, 54 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PAULS VALLEY
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH DITCHES
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT STATED-SWITCHED FUEL TANKS.ENG STOPPED & UNABLE TO RESTART PRIOR TO CRASH.FUEL FOUND IN TANKS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2950	9/12/79 TIME - 1150	ARDMORE,OK	BELL 47D1 N3575 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 32, 6497 TOTAL HOURS, 1000 IN TYPE, NOT INSTRU-MENT RATED.

NAME OF AIRPORT - DOWNTOWN ARDMORE
DEPARTURE POINT
ARDMORE,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
REMARKS- DEMONSTRATING LOW LVL AUTOROTATIVE LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2951	9/30/79 TIME - 1800	WAUKOMIS,OK	BEECH 23 N2332L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 64, 1800 TOTAL HOURS, 230 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ANDYS
DEPARTURE POINT
WAUKOMIS,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DITCHES
PHASE OF OPERATION
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
TERRAIN - HIGH OBSTRUCTIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
90
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- DENSITY ALT-APRX 3500FT.

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
CALM
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2952	10/9/79 TIME - 1900	HENRYETTA,OK	MAULE M-5 N6194M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 431 TOTAL HOURS, 57 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT
HENRYETTA,OK
INTENDED DESTINATION
MUSKOGEE,OK
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
FACTOR(S)
WEATHER - WIND SHEAR

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
78
WIND VELOCITY-KNOTS
CALM
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- PLT REPORTED ENCOUNTERING WIND SHEAR ABV TREE LEVEL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2949	11/19/79 TIME - 1645	SAND SPRINGS,OK	BENSON B8M N6933 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 30, 2 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - EAGLES NEST
DEPARTURE POINT
SAND SPRINGS,OK
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2953	12/26/79 TIME - 1810	VINITTA,OK	MAULE M-5 N51624 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 2809 TOTAL HOURS, 101 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PASTURE STRIP
DEPARTURE POINT
TULSA,OK
INTENDED DESTINATION
VINITTA,OK
TYPE OF ACCIDENT
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
REMARKS- ARRIVED LATE AT UNLIT PASTURE STRIP,HIT FENCEPOLE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2997	7/11/79 TIME - 1720	NR.HERMISTON,OR	GRUMMAN G-164A N5340 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 42, 2747 TOTAL HOURS, 22 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BUTTER CREEK
DEPARTURE POINT — INTENDED DESTINATION
BUTTER CREEK,OR — LOCAL
TYPE OF ACCIDENT
FIRE OR EXPLOSION IN FLIGHT
NOSE OVER/DOWN

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM LINES AND FITTINGS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN ENGINE
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
SMOKE IN COCKPIT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2993	7/28/79 TIME - 1500	WARM SPGS RES,OR	HILLER ACFT UH-12E N6ZH DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	COMMERCIAL OTHER	COMMERCIAL, FL.INSTR., AGE 51, 14100 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
WARM SPGS RES,OR — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
ROLL OVER

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- CONROD CAP BOLT FAILED. HERDING HORSES. PLT HAD TO LND ON STEEP SLOPE.

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FILE    DATE           LOCATION            AIRCRAFT DATA         INJURIES     FLIGHT                              PILOT DATA
                                                                  F  S M/N    PURPOSE

3-2998  8/29/79    CONDON,OR               GRUM-AMER AA-5B      CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 24, 131
        TIME - 2220                        N74472               PX-  0  0  3  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 4 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CONDON
        DEPARTURE POINT                 INTENDED DESTINATION
          EUGENE,OR                       BOISE,ID
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                       LANDING  ROLL
          GEAR COLLAPSED                                                 LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        FACTOR(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
          AIRFRAME - FLIGHT CONTROL SURFACES  FLAP ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  ADVERSE/UNFAVORABLE WEATHER
        REMARKS- LND DUE ENROUTE WEA.FLAPS OPERATED INTERMITTENTLY.


3-2994  11/1/79    ELGIN,OR                CESSNA TU206F        CR-  0  0  1  NONCOMMERCIAL                  PRIVATE, AGE 43, 226
        TIME - 1730                        N1968C               PX-  0  0  1  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 171 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - GIFFORD HULSE
        DEPARTURE POINT                 INTENDED DESTINATION
          LAGRANGE,OR                     ELGIN,OR
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                       LANDING  ROLL
          NOSE OVER/DOWN                                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SOFT SHOULDERS
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FILE    DATE        LOCATION          AIRCRAFT DATA           INJURIES      FLIGHT                         PILOT DATA
                                                              F  S M/N      PURPOSE
3-2999  11/7/79  NR.AMITY,OR          BELL 206A          CR-  0  0  1   COMMERCIAL
        TIME - 0945                   N6212N             PX-  0  0  0   CTR CARGO-I             COMMERCIAL, FL.INSTR.,
                                      DAMAGE-SUBSTANTIAL                                        AGE 31, 4686 TOTAL HOURS,
                                                                                                365 IN TYPE, INSTRUMENT
     DEPARTURE POINT               INTENDED DESTINATION                                         RATED.
       AMITY,OR                      LOCAL
     TYPE OF ACCIDENT                                         PHASE OF OPERATION
       MISCELLANEOUS                                            IN FLIGHT  OTHER
       COLLISION WITH GROUND/WATER  UNCONTROLLED                IN FLIGHT  UNCONTROLLED DESCENT

     PROBABLE CAUSE(S)
       PILOT IN COMMAND - MISJUDGED CLEARANCE
       PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
       SYSTEMS - ELECTRICAL SYSTEM  RELAYS AND WIRING
       MISCELLANEOUS ACTS,CONDITIONS - GROUNDED
     FACTOR(S)
       MISCELLANEOUS ACTS,CONDITIONS - LOAD NOT JETTISONED
     REMARKS- EXTERNAL LOAD DRAGGED GRND. PLT UN RELEASE LOAD DUE LOWER HOOK MALFUNCTION.


3-2996  11/12/79   SALEM,OR           CESSNA T310R       CR-  1  0  0   COMMERCIAL
        TIME - 2029                   N1316G             PX-  2  0  0   AIR TAXI-PASSG          COMMERCIAL, FL.INSTR.,
                                      DAMAGE-DESTROYED                                          AGE 53, 6736 TOTAL HOURS,
                                                                                                16 IN TYPE, INSTRUMENT
     NAME OF AIRPORT - MCNARY FIELD                                                             RATED.
     DEPARTURE POINT               INTENDED DESTINATION
       JOHN DAY,OR                   SALEM,OR
     TYPE OF ACCIDENT                                         PHASE OF OPERATION
       COLLISION WITH GROUND/WATER  CONTROLLED                  LANDING  FINAL APPROACH

     PROBABLE CAUSE(S)
       PILOT IN COMMAND - IMPROPER IFR OPERATION
     FACTOR(S)
       WEATHER - LOW CEILING
       WEATHER - FOG
     WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
     WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

     SKY CONDITION                                            CEILING AT ACCIDENT SITE
       OBSCURATION                                              200
     VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
       3/4 MILE OR LESS                                         NONE
     OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TEMPERATURE-F
       FOG                                                      37
     WIND DIRECTION-DEGREES                                   WIND VELOCITY-KNOTS
       240                                                      4
     TYPE OF WEATHER CONDITIONS                               TYPE OF FLIGHT PLAN
       IFR                                                      IFR
     REMARKS- ACFT 1200FT HI AT LOM.COMMENCED RAPID DESCENT.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES         FLIGHT                          PILOT DATA
                                                                F  S M/N         PURPOSE

3-2992  11/23/79   NEWBERG,OR             CESSNA 152          CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, FL.INSTR.,
        TIME - 1020                       N67500              PX-  0  0  0  PLEASURE/PERSONAL TRANSP     AGE 23, 684 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                                             117 IN TYPE, INSTRUMENT
                                                                                                         RATED.
        NAME OF AIRPORT - SPORTSMAN
        DEPARTURE POINT               INTENDED DESTINATION
          SEATTLE,WA                    NEWBERG,OR
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          STALL                                                       LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2995  11/28/79 NR.GRASS VALLEY,OR       MOONEY M20C         CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 32, 166
        TIME - 1540                       N7090V              PX-  1  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, ALL IN TYPE,
                                          DAMAGE-DESTROYED                                               NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          PROSSER,WA                    MADRAS,OR
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                   IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - FOG
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
        MISSING AIRCRAFT - LATER RECOVERED

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          OBSCURATION                                                 UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          1/2 MILE OR LESS                                            NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
          FOG                                                         35
        TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
          IFR                                                         VFR
        REMARKS- RECOVERY DATE 11/29/79.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2991	11/30/79 TIME - 0929	HILLSBORO,OR	BEECH 36 N7605N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 2210 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PORTLAND HILLSBOR
DEPARTURE POINT
NEWPORT,OR
INTENDED DESTINATION
HILLSBORO,OR
TYPE OF ACCIDENT
WHEELS-UP
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - CIRCUIT BREAKER POPPED
REMARKS- LNDG GEAR CIRCUIT BREAKER-POPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2990	12/10/79 TIME - 1800	ALOHA,OR	CESSNA 150G N4825X DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 44, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HILLSBORO,OR
INTENDED DESTINATION
RETURN
LAST ENROUTE STOP
REDMOND,OR
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH RESIDENCE(S)
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2983	6/24/79 TIME - 1100	COATESVILLE,PA	CESSNA 150 N5826G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 22, 21 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHESTER CARLSON
DEPARTURE POINT
COATESVILLE,PA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING GO-AROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
REMARKS- DRIFTED L OF RWY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2966	6/29/79 TIME - 0613	SLATINGTON,PA	BEECH C45H N281M DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 37, 6042 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  CHARLESTON,WV
INTENDED DESTINATION
  ALLENTOWN,PA
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING INITIAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
WIND VELOCITY-KNOTS
  CALM
TYPE OF FLIGHT PLAN
  IFR
CEILING AT ACCIDENT SITE
  400
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  58
TYPE OF WEATHER CONDITIONS
  IFR
FIRE AFTER IMPACT
REMARKS- APCH TO ALLENTOWN-BETHLEHEM EASTON ARPT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2909	7/12/79 TIME - 1445	BLUE BELL,PA	PIPER PA-32 N720JB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 158 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WINGS
DEPARTURE POINT
BLUE BELL,PA
INTENDED DESTINATION
MANASSAS,VA
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR,C.G.
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE

SKY CONDITION
SCATTERED
CEILING AT ACCIDENT SITE
5000
VISIBILITY AT ACCIDENT SITE
4 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
90
WIND DIRECTION-DEGREES
270
WIND VELOCITY-KNOTS
8
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- LIFT-OFF 55-60K.APRX 5LBS OVR MAX GWT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2888	8/18/79 TIME - 1625	ERIE,PA	ENSTROM F28C N573H DAMAGE-DESTROYED	CR- 0 1 1 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, AGE 36, 137 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ERIE,PA
INTENDED DESTINATION
MILLCREEK,PA
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE MAIN ROTOR
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM ENGINE DRIVE SHAFT
MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- BELT JACK STRUT BEARING FAILURE,FLOAT EQUIPPED.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                                F  S M/N    PURPOSE

3-2984  9/7/79    E STROUDSBURG,PA        BOEING B75N1         CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL, AGE 29, 1045
        TIME - 1407                       N7470                PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 5 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - STROUDSBURG
        DEPARTURE POINT                 INTENDED DESTINATION
          ERWINNA,PA                      LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          NOSE OVER/DOWN                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-2985  9/17/79    GREENVILLE,PA          TEENIE 2             CR-  0  0  1  NONCOMMERCIAL                  COMMERCIAL, AGE 52, 1665
        TIME - 1753                       N7E8                 PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, ALL IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - GREENVILLE
        DEPARTURE POINT                 INTENDED DESTINATION
          GREENVILLE,PA                   LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  CLIMB TO CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - ENGINE STRUCTURE  CYLINDER ASSEMBLY
          MISCELLANEOUS ACTS,CONDITIONS - LOW COMPRESSION
          POWERPLANT - IGNITION SYSTEM  MAGNETOS
          MISCELLANEOUS ACTS,CONDITIONS - GROUNDED
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        REMARKS- CYL #'S 2,3,&4 LEAKING.


3-2982  10/6/79    BUTLER PA              CESSNA 152           CR-  0  0  1  INSTRUCTIONAL                  STUDENT, AGE 25, 41 TOTAL
        TIME - 1810                       N64932               PX-  0  0  0  SOLO                           HOURS, ALL IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          ZELIENOPLE,PA                   LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
          COLLISION WITH GROUND/WATER  CONTROLLED                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2919	8/26/79 TIME - 1300	CHARLESTON,SC	CESSNA 177RG N18880 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 106 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CHARLESTON AFB
DEPARTURE POINT: CHARLESTON,SC
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT: FIRE OR EXPLOSION ON GROUND
PHASE OF OPERATION: TAXI TO TAKEOFF

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN WING
REMARKS- NAV/STROBE LIGHT ASSY MOUNTED IN WING TIP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2837	10/21/79 TIME - 1510	MONCKS CORNER,SC	CESSNA 150 N8669S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 390 TOTAL HOURS, 298 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BERKELEY COUNTY
DEPARTURE POINT: MONCKS CORNER,SC
INTENDED DESTINATION: MONCKS CORNER,SC
TYPE OF ACCIDENT: STALL
PHASE OF OPERATION: LANDING GO-AROUND

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2758	7/14/79 TIME - 1330	NR.BATH,SD	PIPER PA-18 N40359 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 34, 310 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT: BATH,SD
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
REMARKS- UNABLE TO GET FOOT ON HEEL BRAKE IN TIME TO PREVENT SWERVE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2790	7/16/79 TIME - 2008	CROSSVILLE,TN	GRUMMAN G-164 N740Y DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, 1500 TOTAL HOURS, 133 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
CROSSVILLE,TN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT STARTING SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 600
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1800
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2934	7/12/79 TIME - 1945	GRAFORD,TX	PIPER PA-30 N7992Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	PRIVATE, AGE 49, 4191 TOTAL HOURS, 2691 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - VILLA MARINA
DEPARTURE POINT
WICHITA FALLS,TX
INTENDED DESTINATION
GRAFORD,TX
TYPE OF ACCIDENT
UNDERSHOOT
STALL MUSH
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2913	8/7/79 TIME - 1650	CROCKETT,TX	CESSNA A188B N9583G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 3500 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HOUSTON COUNTY
DEPARTURE POINT
CROCKETT,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
AIRFRAME FAILURE ON GROUND
GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR WHEELS,TIRES,AXLES
MISCELLANEOUS ACTS,CONDITIONS - BURST

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
REMARKS- LEFT MAIN TIRE BLEW-OUT DRG LNDG ROLL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2912	8/11/79 TIME - 0745	TAFT,TX	AIR TRACTOR AT-301 N4424S DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 40, 1300 TOTAL HOURS, 450 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HUNTS
DEPARTURE POINT
TAFT,TX
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
MISCELLANEOUS ACTS,CONDITIONS - JETTISONED LOAD

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1000
KIND OF CROP - COTTON
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - DEFOLIATION (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
REMARKS- ACFT GROSS WT APRX 6680LBS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2930	8/15/79 TIME - 1045	ABILENE,TX	PIPER PA-22 N5968D DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 28, 930 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ELMDALE
DEPARTURE POINT INTENDED DESTINATION
ABILENE,TX LOCAL
TYPE OF ACCIDENT PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE
HARD LANDING LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
POWERPLANT - FUEL SYSTEM CARBURETOR
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PIECE OF MASKING TAPE FOUND IN VENTURI OF CARB.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2916	8/22/79 TIME - 1745	WICHITA FALLS,TX	CESSNA 140 N89445 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 32, 1462 TOTAL HOURS, 45 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WICHITA VALLEY
DEPARTURE POINT INTENDED DESTINATION
WICHITA FALLS,TX LOCAL
TYPE OF ACCIDENT PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION TAKEOFF INITIAL CLIMB
NOSE OVER/DOWN LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - FUEL SYSTEM SELECTOR VALVES
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
TERRAIN - WET,SOFT GROUND
TERRAIN - ROUGH/UNEVEN
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FUEL SELECTOR HANDLE ROTATED FREELY W/O RESISTANCE & NO INDEX IN OFF,LEFT OR RGT POSITION.

BRIEFS OF ACCIDENTS

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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES       FLIGHT                              PILOT DATA
                                                                  F  S M/N      PURPOSE

3-2923  8/30/79    VAN HORN,TX          AERO-COMDR S2R        CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 24, 1461
        TIME - 1030                     N5014X                PX-  0  0  0  ASSOC CROP CTL ACTIVITY.    TOTAL HOURS, 373 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - VAN HORN
        DEPARTURE POINT              INTENDED DESTINATION
          VAN HORN,TX                  LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  CLIMB TO CRUISE
          GEAR COLLAPSED                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - FUEL SYSTEM  CARBURETOR
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED
          MISCELLANEOUS ACTS,CONDITIONS - STRIPPED
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- MIXTURE CONTROL ARM SERRATIONS STRIPPED.


3-2918  9/9/79     BISHOP,TX            LUSCOMBE 8C           CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 25, 549
        TIME - 1430                     N41914                PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 60 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BISHOP MUNICIPAL
        DEPARTURE POINT              INTENDED DESTINATION
          BISHOP,TX                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 LANDING  ROLL
          GEAR COLLAPSED                                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

        SKY CONDITION                                            CEILING AT ACCIDENT SITE
          OVERCAST                                                 3000
        VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                     RAIN SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  RELATIVE BEARING OF WIND
          NONE                                                     LEFT CROSS WIND 248-292 DEGREES
        TEMPERATURE-F                                            WIND DIRECTION-DEGREES
          80                                                       50
        WIND VELOCITY-KNOTS                                      TYPE OF WEATHER CONDITIONS
          13                                                       VFR
        TYPE OF FLIGHT PLAN
          NONE
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FILE    DATE          LOCATION             AIRCRAFT DATA          INJURIES       FLIGHT                                 PILOT DATA
                                                                   F  S M/N      PURPOSE

3-2880  9/25/79    HOUSTON,TX              CESSNA 150           CR-  2  0  0  COMMERCIAL                         COMMERCIAL, AGE 28, 770
        TIME - 1025                        N10932               PX-  0  0  0  POWER/PIPELINE                     TOTAL HOURS, ALL IN TYPE,
                                           DAMAGE-DESTROYED                                                      NOT INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
          HOUSTON,TX                       LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          STALL                                                       IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS- PILOT ON CONTROLS UNKNOWN.


3-2842  10/19/79   HOUSTON,TX              GRUM AMER AA-5A      CR-  0  0  2  INSTRUCTIONAL                      STUDENT, AGE 22, 52 TOTAL
        TIME - 1700                        N26273               PX-  0  0  0  CHECK                              HOURS, 13 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                                    INSTRUMENT RATED.
        NAME OF AIRPORT - HOUSTON GULF
        DEPARTURE POINT                  INTENDED DESTINATION
          HOUSTON,TX                       LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               LANDING  TRAFFIC PATTERN-CIRCLING
          GEAR COLLAPSED                                              LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          CHECK PILOT - INADEQUATE SUPERVISION OF FLIGHT
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- R TANK DRY.


3-2931  10/21/79   JACKSONVILLE,TX         BEARWIN 9000KR       CR-  0  0  1  NONCOMMERCIAL                      PRIVATE, AGE 51, UNK/NR
        TIME - 1640                        N21977               PX-  0  0  1  PLEASURE/PERSONAL TRANSP           TOTAL HOURS, UNK/NR IN
                                           DAMAGE-SUBSTANTIAL                                                    TYPE, NOT INSTRUMENT
        NAME OF AIRPORT - CHEROKEE COUNTY                                                                        RATED.
        DEPARTURE POINT                  INTENDED DESTINATION       LAST ENROUTE STOP
          SAN ANTONIO,TX                   TEXARKANA,TX               JACKSONVILLE,TX
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  CLIMB TO CRUISE
          COLLIDED WITH  TREES                                        LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          TERRAIN - HIGH OBSTRUCTIONS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- NO.2 EXHAUST VLV SPRING FAILED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2791	10/27/79 TIME - 1815	MARQUEZ,TX	GRUM AMER AA-5A N26121 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 82 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: DALLAS,TX
INTENDED DESTINATION: GALVESTON,TX
LAST ENROUTE STOP: MARQUEZ,TX
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2933	11/1/79 TIME - 1430	KATY,TX	CESSNA 340 N5163J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	PRIVATE, AGE 44, 333 TOTAL HOURS, 56 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAKESIDE
DEPARTURE POINT: LUBBOCK,TX
INTENDED DESTINATION: KATY,TX
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH DIRT BANK
PHASE OF OPERATION
  LANDING GO-AROUND
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FOUND RGT MAIN FUEL TANK EMPTY.FUEL IN BOTH AUX TANKS.FUEL DOOR NR LEFT MAIN THAT BROKE DRG IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2921	11/2/79 TIME - 1300	HOUSTON,TX	CESSNA 182 N2797Q DAMAGE-MINOR	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 550 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WILLIAM P HOBBY
DEPARTURE POINT: HOUSTON,TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  HARD LANDING
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- PLT STATED-LANDED HARD WHILE ATTEMPTING TO AVOID HITTING OTHER ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2914	11/2/79 TIME - 1630	HOUSTON,TX	PIPER PA-28 N4587R DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 20, 995 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAKESIDE
DEPARTURE POINT — HOUSTON,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  GEAR COLLAPSED
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  TERRAIN - WET,SOFT GROUND
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- WATER FOUND IN GASCOLATOR & CARB FLOAT CHAMBER.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2927	11/3/79 TIME - 1330	CRANE,TX	PIPER PA-32 N32934 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 52, 27 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CRANE COUNTY
DEPARTURE POINT — CRANE,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2915	11/7/79 TIME - 1415	NR.WICHITA FALLS,TX	CESSNA 172 N737HF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 42, 83 TOTAL HOURS, 63 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — SHAMROCK,TX
INTENDED DESTINATION — HOUSTON,TX
LAST ENROUTE STOP — VERNON,TX
TYPE OF ACCIDENT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
  MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
REMARKS- PLT STATED-COLLIDED W WIRE WHILE FLYING OVER RIVER NR BRIDGE.

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FILE   DATE          LOCATION           AIRCRAFT DATA         INJURIES     FLIGHT                           PILOT DATA
                                                               F  S M/N    PURPOSE
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3-2917 11/11/79   JONESTOWN,TX         PIPER PA-28R         CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 35, 304
       TIME - 1445                     N6239C               PX-  0  0  2  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 16 IN TYPE,
                                       DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
       NAME OF AIRPORT - NAMELESS VALLEY R
       DEPARTURE POINT              INTENDED DESTINATION
         JONESTOWN,TX                 TYLER,TX
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  TREES                                      TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - PREMATURE LIFT-OFF
         PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
         MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
       REMARKS- PLT STATED-STARTED INTERSECTION TKOF NR MIDDLE OF RWY.RUTS/HOLES BETWEEN MID-POINT & END OF RWY.


3-2929 11/29/79   ALICE,TX             BELL 47G-5A          CR-  0  0  1  COMMERCIAL                  COMMERCIAL, AGE 53, 5029
       TIME - 0800                     N58132               PX-  0  0  0  OTHER                       TOTAL HOURS, 4464 IN
                                       DAMAGE-SUBSTANTIAL                                              TYPE, INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         ALICE,TX                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ROLL OVER                                                 TAKEOFF  VERTICAL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
       REMARKS- DRG TKOF FROM A TRAILER.SKID HOLD-DWN FELL BACK IN PLACE PRIOR TO LFT-OFF.OPN-HERDING CATTLE.


3-2932 12/4/79    LLANO,TX             CESSNA 150           CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 22, 29 TOTAL
       TIME - 1600                     N704YV               PX-  0  0  0  TRAINING                    HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
       NAME OF AIRPORT - LLANO
       DEPARTURE POINT              INTENDED DESTINATION
         KILLEEN,TX                   LLANO,TX
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE   DATE          LOCATION              AIRCRAFT DATA         INJURIES      FLIGHT                           PILOT DATA
                                                                  F  S M/N     PURPOSE

3-2935 12/7/79    EAGLE LAKE,TX           CESSNA 152           CR-  0  0  1  INSTRUCTIONAL                STUDENT, AGE 27, 39 TOTAL
       TIME - 1330                        N49190               PX-  0  0  0  SOLO                         HOURS, ALL IN TYPE, NOT
                                          DAMAGE-DESTROYED                                                INSTRUMENT RATED.
       NAME OF AIRPORT - EAGLE LAKE
       DEPARTURE POINT                  INTENDED DESTINATION        LAST ENROUTE STOP
         COLLEGE STATION,TX               RETURN                      EAGLE LAKE,TX
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         STALL  MUSH                                                  TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - PREMATURE LIFT-OFF
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
       FIRE AFTER IMPACT


3-2926 12/7/79    HOUSTON,TX              CESSNA 172N          CR-  0  0  1  NONCOMMERCIAL
       TIME - 2220                        N5720E               PX-  0  0  3  PLEASURE/PERSONAL TRANSP     PRIVATE, AGE 27, 251
                                          DAMAGE-SUBSTANTIAL                                              TOTAL HOURS, 61 IN TYPE,
       NAME OF AIRPORT - HULL                                                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT                  INTENDED DESTINATION
         HOUSTON,TX                       LOCAL
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         UNDERSHOOT                                                   LANDING  FINAL APPROACH
         COLLIDED WITH  DIRT BANK                                     LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING


3-2977 12/7/79  NR.PORT MANSFIELD,TX  ENSTROM F-28C         CR-  0  0  1  NONCOMMERCIAL
       TIME - 0915                        N51759               PX-  0  0  1  CORP/EXEC                    COMMERCIAL, AGE 36, 667
                                          DAMAGE-SUBSTANTIAL                                              TOTAL HOURS, 105 IN TYPE,
       DEPARTURE POINT                  INTENDED DESTINATION                                              NOT INSTRUMENT RATED.
         PORT MANSFIELD,TX                LOCAL
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                                  IN FLIGHT  NORMAL CRUISE
         HARD LANDING                                                 LANDING  POWER-OFF AUTOROTATIVE LANDING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
         PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- MANUALLY OPERATED CLUTCH(BETWEEN ENG & TRANSMISSION)FOUND IN DISENGAGED POSITION.
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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES        FLIGHT                        PILOT DATA
                                                                 F  S M/N        PURPOSE

3-2772 12/15/79   JOHNSON CITY,TX       CESSNA 170            CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 45, 377
       TIME - 1210                      N4153V                PX-  0  0  3  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 14 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - COLEMANS
       DEPARTURE POINT               INTENDED DESTINATION
         MATHIS,TX                     JOHNSON CITY,TX
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
       FACTOR(S)
         AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  POORLY MAINTAINED RUNWAY SURFACE
       REMARKS- LOOSE CRUSHED STONE.


3-2928 12/17/79   ANGLETON,TX           BEECH 95-A55          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 33, 6078
       TIME - 0800                      N910TL                PX-  0  0  0  CORP/EXEC                  TOTAL HOURS, 523 IN TYPE.
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - GARRETT RANCH
       DEPARTURE POINT               INTENDED DESTINATION
         ANGLETON,TX                   FRIENDSWOOD,TX
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         UNDERSHOOT                                                LANDING  FINAL APPROACH
         COLLIDED WITH  DIRT BANK                                  LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
       EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                 DOOR/PANEL OPEN
       REMARKS- PAX DOOR CAME OPEN AFTER TKOF.PLT ELECTED TO LND W/O DELAY WHEN UNABLE TO CLOSE DOOR IN FLT.


3-2925 12/20/79   SWEETWATER,TX         CESSNA 152            CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 25, 33 TOTAL
       TIME - 2100                      N4727B                PX-  0  0  0  TRAINING                   HOURS, ALL IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - SWEETWATER
       DEPARTURE POINT               INTENDED DESTINATION
         SWEETWATER,TX                 LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  DESCENDING
         NOSE OVER/DOWN                                            LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2924	12/20/79 TIME - 0900	LA PORTE,TX	MEYERS 200 N495C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 1305 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LA PORTE MUNI
DEPARTURE POINT — LA PORTE,TX
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
WHEELS-UP

PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FUEL SELECTOR ON R MAIN,PLT STATED R MAIN ALMOST EMPTY,L MAIN FULL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2922	12/23/79 TIME - 1355	HOUSTON,TX	BEECH 95-55 N2155L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 278 TOTAL HOURS, 166 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WILLIAM P HOBBY
DEPARTURE POINT — CORPUS CHRISTI,TX
INTENDED DESTINATION — HOUSTON,TX
TYPE OF ACCIDENT
HARD LANDING

PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
REMARKS- ACFT PORPOISED AFTER INITIAL TOUCH-DOWN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2830	12/24/79 TIME - 1315	SAN ANTONIO,TX	CESSNA 152 N68816 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 33, 205 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SAN ANTONIO INTL
DEPARTURE POINT — HOUSTON,TX
INTENDED DESTINATION — SAN ANTONIO,TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED

PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - WET,SOFT GROUND
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT DID NOT CALCULATE FUEL DURING X-COUNTRY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2796	6/5/79 TIME - 1130	JUNCTION,UT	ROCKWELL A9B N7923V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 32, 1100 TOTAL HOURS, 170 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
JUNCTION,UT
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 6100
SWATH RUN-HOW FLOWN - WIND CALM
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
ROLLING
PROCEDURE TURNAROUND - THIRD 1/3 TURN

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2843	10/4/79 TIME - 1003	FILLMORE,UT	CESSNA P210 N6006P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 191 TOTAL HOURS, 75 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FILLMORE
DEPARTURE POINT
MESA,AZ
INTENDED DESTINATION
PROVO,UT
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT DESCENDING
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN
POWERPLANT - FUEL SYSTEM OTHER
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- SE 79-25 STATES VAPOR BUILDUP MAY OCCUR 10-20 MIN AFT SWITCHING TANKS.

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FILE   DATE          LOCATION            AIRCRAFT DATA       INJURIES     FLIGHT                         PILOT DATA
                                                              F  S M/N    PURPOSE

3-2702 8/5/79      NORFOLK,VA           CESSNA 421          CR-  0  1  0  NONCOMMERCIAL              PRIVATE, AGE 63, 8000
       TIME - 1630                      N3126K              PX-  0  1  0  BUSINESS                   TOTAL HOURS, UNK/NR IN
                                        DAMAGE-DESTROYED                                             TYPE, INSTRUMENT RATED.
       NAME OF AIRPORT - NORFOLK INTL
       DEPARTURE POINT                INTENDED DESTINATION
         MYRTLE BEACH,SC                FARMINGDALE,NY
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         STALL                                                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  PISTON,PISTON RINGS
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - PRESSURE,NONE
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- NO TWO CYL PISTON FAILED.PLT DESCENDED FROM 8000 TO 3000FT 12MI FROM FLD WITH R ENG SHUT DOWN.


3-2703 9/7/79      GORDONSVILLE,VA      CESSNA 177RG        CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 34, 362
       TIME - 0830                      N34969              PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 24 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         NORFOLK,MA                     LYNCHBURG,VA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL                                                     TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - PREMATURE LIFT-OFF
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       REMARKS- PLT ATTMPTD T/O FROM FIELD WHERE FORCED LDG HAD BEEN MADE DUE LACK OF FUEL.A/C HIT BUMP GOT AIRBNE


3-2794 9/11/79     ASHLAND,VA           CESSNA 182H         CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 28, 334
       TIME - 1600                      N2358X              PX-  0  0  1  PLEASURE/PERSON'L TRANSP   TOTAL HOURS, 29 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
       NAME OF AIRPORT - HANOVER COUNTY
       DEPARTURE POINT                INTENDED DESTINATION
         ASHLAND,VA                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
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FILE     DATE         LOCATION            AIRCRAFT DATA        INJURIES        FLIGHT                                PILOT DATA
                                                                F  S M/N       PURPOSE

3-2959  9/26/79    PORT ROYAL,VA         PIPER PA-22          CR-  0  0  1  INSTRUCTIONAL                  STUDENT, AGE 43, 16 TOTAL
        TIME - 1900                      N5894Z               PX-  0  0  0  SOLO                           HOURS, 3 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          RICHMOND,VA                    FREDERICKSBURG,VA
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          NOSE OVER/DOWN                                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
          PERSONNEL - FLIGHT INSTRUCTOR  INADEQUATE SUPERVISION OF FLIGHT
          TERRAIN - WET,SOFT GROUND


3-2701  11/9/79    CHEASAPEAKE,VA        GRUM AMER AA1-C      CR-  0  0  2  INSTRUCTIONAL                  ATP,FLIGHT INSTR., AGE
        TIME - 1045                      N9552U               PX-  0  0  0  DUAL                           30, 2347 TOTAL HOURS, 7
                                         DAMAGE-SUBSTANTIAL                                                IN TYPE, INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - CHESAPEAKE MUNI
        DEPARTURE POINT                INTENDED DESTINATION
          NORFOLK,VA                     LOCAL
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          UNDERSHOOT                                                     LANDING  FINAL APPROACH
          NOSE OVER/DOWN                                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
          DUAL STUDENT - MISJUDGED DISTANCE AND ALTITUDE
          TERRAIN - WET,SOFT GROUND
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
        REMARKS- T/D SHORT OF RWY 4 IN WET/SOFT TERRAIN,SWERVED,NOSED OVER ON L SIDE OF RWY.


3-2988  9/17/79  NR.VANCOUVER,WA         ENSTROM 280C         CR-  0  0  1  NONCOMMERCIAL                  ATP,FLIGHT INSTR., AGE
        TIME - 1315                      N222NT               PX-  0  0  1  PRACTICE                       36, 10911 TOTAL HOURS, 24
                                         DAMAGE-SUBSTANTIAL                                                IN TYPE, INSTRUMENT
                                                                                                           RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          PORTLAND,OR                    LOCAL
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                  LANDING  GO-AROUND
          NOSE OVER/DOWN                                                 LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
          MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- PRACTICE AUTOROTATION. NO ENGINE MALFUNCTION FOUND.PLT STATED-HEL NOSED OVER ON UNEVEN TRRN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2987	10/18/79 TIME - 1314	NR.EPHRATA,WA	CESSNA 177RG N34948 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 800 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
HAVRE,MT
INTENDED DESTINATION
ELLENSBURG,WA.
LAST ENROUTE STOP
EPHRATA,WA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
TERRAIN - ROUGH/UNEVEN
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST

SKY CONDITION
OVERCAST/LOWER SCATTERED
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
43
WIND VELOCITY-KNOTS
CALM
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- COLLIDED W HILL AT 2250FT MSL.CEILING APRX 2070FT AT EPHRATA,WA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2986	11/21/79 TIME - 2226	NR.YAKIMA,WA	CESSNA T210M N321TT DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 568 TOTAL HOURS, 118 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
BOISE,ID
INTENDED DESTINATION
PROSSER,WA
LAST ENROUTE STOP
TROUTDALE,OR
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- LACK OF VISUAL CUES DRG FORCED LNDG AT NGT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2792	10/19/79 TIME - 1805	LAKE GENEVA,WI	CESSNA 152 N714VN DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 973 TOTAL HOURS, 42 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — MINNEAPOLIS,MN
INTENDED DESTINATION — LAKE GENEVA,WI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - WET,SOFT GROUND
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3000	12/18/79 TIME - 1300	NR.VIROQUA,WI	BELLANCA 17-30A N14703 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATP,FLIGHT INSTR., AGE 41, 12900 TOTAL HOURS, 870 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PROP WASH FIELD
DEPARTURE POINT — VIROQUA,WI
INTENDED DESTINATION — CHICAGO,IL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
WHEELS-UP
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2838	6/30/79 TIME - UNK/NR	MISSING AIRCRAFT	CESSNA 150J N60936 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 21, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — ST CROIX,VI
INTENDED DESTINATION — ST THOMAS,VI
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- ACFT DMG & INJURY INDEX PRESUMED.

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FILE   DATE          LOCATION            AIRCRAFT DATA         INJURIES     FLIGHT                            PILOT DATA
                                                                F  S M/N    PURPOSE

3-2840 7/1/79     MISSING AIRCRAFT     PIPER PA-28           CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 31, 95 TOTAL
       TIME - UNK/NR                    N3494M                PX-  1  0  0  PLEASURE/PERSONAL TRANSP       HOURS, ALL IN TYPE, NOT
                                        DAMAGE-DESTROYED                                                   INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
         BIG BEAR CITY,CA              OCEANO,CA                     UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         MISSING AIRCRAFT,NOT RECOVERED                              UNKNOWN/NOT REPORTED

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       REMARKS- ACFT DMG & INJURY INDEX PRESUMED.


3-2970 11/4/79    PACIFIC OCEAN        BEECH C-45H           CR-  1  0  0  MISCELLANEOUS                  ATP,FLIGHT INSTR., AGE
       TIME - 1529                      N145DC                PX-  0  0  0  FERRY                          48, UNK/NR TOTAL HOURS,
                                        DAMAGE-DESTROYED                                                   UNK/NR IN TYPE, INSTRU-
       DEPARTURE POINT               INTENDED DESTINATION                                                  MENT RATED.
         SAN JOSE,CA                   HONOLULU,HI
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
         DITCHING                                                    LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
       REMARKS- DITCHED AT SEA,28.09N 145.25W.


3-2839 5/17/79 NR.TREASURE CAY,BAHM    AERO COMDR 500        CR-  0  0  1  COMMERCIAL                     COMMERCIAL, AGE 34, 3770
       TIME - 1715                      N3836C                PX-  0  0  0  AIR TAXI-PASSG                 TOTAL HOURS, 1077 IN
                                        DAMAGE-DESTROYED                                                   TYPE, INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         TREASURE CAY,BAHAMAS          ANDROS TOWN,BAHAMAS
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
         DITCHING                                                    LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
         PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
       REMARKS- HIT TREES NEAR RWY AFTR ENG FAILURE,UN MAINTAIN ALTITUDE,DITCHED IN INTL WATERS.
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NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594

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BRIEF FORMAT
U.S. CIVIL AVIATION
ISSUE NUMBER 11 OF 1979 ACCIDENTS

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16. Abstract

This publication contains selected aircraft accident reports, in brief format, occurring in U.S. civil aviation operations during calendar year 1979. The 299 General Aviation accidents contained in this publication represent a random selection. This publication is issued irregularly, normally fifteen times each year. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by injury index, injuries, and causal factors.

File Numbers: 3-3001 thru 3-3157
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FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Title VII of the Federal Aviation Act of 1958 (as amended) and Section 304(a) of the Independent Safety Board Act of 1974, has determined the probable cause(s) of the accidents reported herein.

This publication is issued fifteen (15) times per year and contains approximately 300 U.S. Civil aircraft accident reports arranged in state and date order. In addition, each issue contains statistical tables which tabulate and summarize selected accident information, such as injuries, causal factors and injury index. Care should be used when interpreting this tabular data because they are compiled from a random selection of accident records and they do not necessarily reflect an accurate statistical distribution for a total year's accident record. A supplemental issue, released as the final publication for a year, will contain additional statistical tables for all accident records during that year.

The enclosed computer briefs are the reports of the National Transportation Safety Board and thereby subject to the limitations of 49 USC 1441(e) which states:

> "No part of any report or reports of the Board, relating to any accident or the investigation thereof, shall be admitted as evidence or used in any suit or action for damages growing out of any matter mentioned in such report or reports."

In reading these reports, it should be borne in mind that they are produced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

Collisions between aircraft are treated as one accident. A coded analysis is done on each aircraft involved in a collision. This produces two aircraft accident records per accident. Consequently, when compiling information on accidents involving collisions between aircraft, the number of accident records will exceed the number of accidents.

The Briefs of Accidents contain the essential information which fulfill most requirements of persons using these reports. However, for those having a need for more detailed information, the original factual reports are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially for a fee to cover reproduction and postage. The cost will be assessed per printed page and photograph(s) reproduced.

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U.S. GENERAL AVIATION

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EXPLANATORY NOTES

U.S. GENERAL AVIATION

U.S. general aviation refers to the operations of U.S. civil aircraft owned and operated by persons, businesses, corporations, etc., excluding the operations of U.S. air carriers.

U.S. AIR CARRIER

U.S. air carrier operations include the following three operational categories: 1) certificated route air carriers 2) supplemental air carriers and 3) commercial operators of large aircraft.

DEFINITIONS

The following definitions contained in CFR 49, Part 830, paragraph 830.2 apply when used in this publication.

Aircraft Accident

An occurrence associated with the operation of an aircraft which takes place between the time any person boards the aircraft with the intention of flight until such time as all such persons have disembarked, and in which any person suffers death or serious injury as a result of being in or upon the aircraft or by direct contact with the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

Fatal Injury

Any injury which results in death within 7 days of the accident.

Serious Injury

Any injury which 1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; 2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); 3) involves lacerations which cause severe hemorrhages, nerve, muscle, or tendon damage; 4) involves injury to any internal organ; or 5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

EXPLANATORY NOTES

INJURY INDEX

Injury index refers to the highest degree of personal injury sustained as a result of the accident.

TYPE OF ACCIDENT

Type of accident relates to the immediate circumstances of the occurrence. Many accidents involve a series of circumstances and therefore require a second type to more fully describe the sequence of events. Some examples of types of accidents are as follows:

Gear Collapsed
: Collapse of the landing gear due to mechanical failure other than malfunction of the retracting mechanism.

Gear Retracted
: Retraction of the landing gear due to malfunction or failure of the retracting mechanism or to inadvertent retraction by the crew. Excludes intentional gear retraction and wheels-up landing.

Airframe Failure
: Occurrences resulting from failure of any part of the airframe while in flight or in motion on the ground. Excludes failure resulting from contact with another airplane or object, or impact with the ground, or damage from landing gear collapse or retraction.

Engine Failure/Malfunction
: Occurrences of engine failure or malfunction for any reason. Includes engine stoppage, power interruption, or power loss, actual or simulated.

PHASE OF OPERATION

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur.

KIND OF FLYING

Refers to the purpose for which the aircraft is being operated at the time of the accident. There are four broad categories of kind of flying.

1. Instructional Flying
   Refers to flying accomplished in supervised training under the direction of an accredited instructor.

EXPLANATORY NOTES

KIND OF FLYING

2. Noncommerical Flying
   Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories.

   Pleasure
   : Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

   Business
   : The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

   Corporate/Executive Operations
   : The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

3. Commercial Flying
   Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

4. Miscellaneous Flying
   Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

In determining probable cause(s) of an accident, all facts, conditions, and circumstances are considered. The object is to ascertain those cause-effect relationships in the accident sequence about which something can be done to prevent recurrence of the type of accident under consideration. Accordingly, for statistical purposes where two or more causes exist in an accident, each is recorded and no attempt is made to establish a primary cause. Therefore, in the Cause and Related Factor Table, the figures shown in the columns dealing with Cause will exceed the total number of accidents. The term Factor is used, in general, to denote those elements of an accident which further explain or supplement the probable cause(s). This provision was incorporated in the coding system to increase its flexibility and to provide a means for collecting essential items of information which could not be categorized elsewhere in the system.

AIRCRAFT WEIGHT CATEGORIES

The International Civil Aviation Organization's categories of aircraft weight are utilized to classify accident data as follows:

0 - 2,250 kilograms	(0 - 4,960 pounds)
2,251 - 5,700 kilograms	(4,961 - 12,565 pounds)
5,701 - 27,000 kilograms	(12,566 - 59,525 pounds)
27,001 - 272,000 kilograms	(59,526 - 599,650 pounds)
272,001 - kilograms and greater	(599,651 pounds and greater)

SMALL FIXED-WING AIRCRAFT

Fixed-wing aircraft which have a maximum gross takeoff weight of 5700 kilograms (12,565 pounds), or less.

LARGE FIXED-WING AIRCRAFT

Fixed-Wing aircraft which have a maximum takeoff weight greater than 5,700 kilograms (12,565 pounds).

ROTORCRAFT

Aircraft which in all usual flight attitudes are supported in the air wholly or in part by a rotor or rotors; i.e., by airfoils rotating or revolving about an axis.

TYPES OF WEATHER CONDITIONS

The types of weather conditions (VFR/IFR) are determined in accordance with the prescribed minima in Part 91 of the Federal Aviation Regulations. These minima pertain to the ceiling and visibility, in conjunction with the type of airspace, at the accident site. Type of weather conditions are based on surface weather as determined from officially recognized sources. Weather conditions encountered in flight are not necessarily representative of the classifications VFR/IFR as carried under Type of Weather Conditions.

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR,FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL,FLIGHT.INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE,FL.INST R.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

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BRIEFS OF ACCIDENTS

INITIAL RELEASE

PREVIOUS YEAR(S)

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEF ON SPECIAL REQUEST

1979

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S N/N	FLIGHT PURPOSE	PILOT DATA
3-3896	10/25/79 TIME - 1000	NR.VENETIE,AK	CESSNA 207 N1684U DAMAGE-SUBSTANTIAL	CR- 0 1 1 PX- 1 1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 26, 2573 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  FORT YUKON,AK
INTENDED DESTINATION
  RETURN
LAST ENROUTE STOP
  ARCTIC VILLAGE,AK
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  WEATHER - LOW CEILING
  WEATHER - FOG
  WEATHER - SNOW
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  MISCELLANEOUS ACTS,CONDITIONS - ICE-WINDSHIELD
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
  UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
  SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  OTHER

REMARKS- DRG FLT AT LOW ALT UNDER OVC,ENG LOST PWR AFTER PLT ADVND THROTTLE TO AVOID HILL.CD PLN.

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4353	12/20/78 TIME - 0802	MINNEAPOLIS,MN	LEAR JET 25 N40SN DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 3 2	MISCELLANEOUS OTHER	COMMERCIAL, AGE 33, 1147 TOTAL HOURS, 262 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MINN-ST PAUL INTL
DEPARTURE POINT — INTENDED DESTINATION
MINNEAPOLIS,MN — EVANSVILLE,IN
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLISION WITH GROUND/WATER UNCONTROLLED — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
MISCELLANEOUS ACTS,CONDITIONS - INCORRECT TRIM SETTING
FACTOR(S)
WEATHER - SNOW
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OBSCURATION
CEILING AT ACCIDENT SITE
600
VISIBILITY AT ACCIDENT SITE
3/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
29
WIND DIRECTION-DEGREES
120
WIND VELOCITY-KNOTS
2
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
IFR
REMARKS- SNOW/ICE ON WINGS.FLAPS 28DEG.FULL NOSEUP TRIM.

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U. S.

GENERAL AVIATION

SECTION

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INJURIES, ACCIDENTS
COVERED BY THIS REPORT - ISSUE NO. 11
U. S. GENERAL AVIATION

1979

	INJURIES						
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	100	36	33	134			303
COPILOT	8	1	1	6			16
DUAL STUDENT	6		3	4			13
CHECK PILOT							
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT		1					1
EXTRA CREW							
PASSENGERS	99	32	86	131			348
TOTAL	213	70	123	275		ABOARD	681
OTHER AIRCRAFT							
OTHER GROUND	1						1
GRAND TOTAL	214	70	123	275			682

INVOLVES 300 TOTAL ACCIDENTS
INVOLVES 107 FATAL ACCIDENTS

CAUSE/FACTOR TABLE

COVERED BY THIS REPORT - ISSUE NO. 11
U. S. GENERAL AVIATION ACCIDENTS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 300 TOTAL ACCIDENTS

INVOLVES 107 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT	1	1	2		1	1	1	2	3
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	3	4	7				3	4	7
BECAME LOST/DISORIENTED	1	1	2	3	2	5	4	3	7
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	17		17	3	1	4	20	1	21
CONTINUED INTO KNOWN AREA OF SEVERE TURBULENCE	4		4				4		4
DELAYED ACTION IN ABORTING TAKEOFF				4	1	5	4	1	5
DELAYED IN INITIATING GO-AROUND				7		7	7		7
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT		2	2	2		2	2	2	4
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	3		3				3		3
FAILED TO EXTEND LANDING GEAR				1		1	1		1
INADVERTENTLY RETRACTED GEAR				1		1	1		1
FAILED TO SEE AND AVOID OTHER AIRCRAFT	3		3				3		3
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	1		1	6		6	7		7
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	19		19	14		14	33		33
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	2		2				2		2
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	1		1	4		4	5		5
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	3	1	4	3		3	6	1	7
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				7		7	7		7
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				2	1	3	2	1	3
IMPROPER OPERATION OF FLIGHT CONTROLS	3		3	1		1	4		4
PREMATURE LIFT OFF	1		1	2		2	3		3
IMPROPER LEVEL OFF	1		1	14		14	15		15
IMPROPER IFR OPERATION	4	1	5				4	1	5
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	6		6	7		7	13		13
IMPROPER COMPENSATION FOR WIND CONDITIONS				7		7	7		7
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	11	6	17	25	2	27	36	8	44
INADEQUATE SUPERVISION OF FLIGHT				3		3	3		3
LACK OF FAMILIARITY WITH AIRCRAFT		1	1	1	3	4	1	4	5
MISMANAGEMENT OF FUEL				14		14	14		14
EXERCISED POOR JUDGMENT	2	1	3	3		3	5	1	6
SELECTED UNSUITABLE TERRAIN	1		1	13		13	14		14
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				1		1	1		1
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				2		2	2		2
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	7		7				7		7
MISJUDGED DISTANCE, SPEED, AND ALTITUDE	1		1				1		1
MISJUDGED DISTANCE AND SPEED				15		15	15		15
MISJUDGED DISTANCE AND ALTITUDE	2		2	8		8	10		10
MISJUDGED SPEED AND CLEARANCE	1		1				1		1
MISJUDGED ALTITUDE AND CLEARANCE	2		2	4		4	6		6
MISJUDGED ALTITUDE	2		2				2		2
MISJUDGED CLEARANCE				4		4	4		4
IMPROPER RECOVERY FROM BOUNCED LANDING				10		10	10		10
INCAPACITATION	1		1				1		1
PHYSICAL IMPAIRMENT	3	5	8	1		1	4	5	9
SPATIAL DISORIENTATION	17		17	1		1	18		18
PSYCHOLOGICAL CONDITION	1		1				1		1
MISUSED OR FAILED TO USE FLAPS	1		1	1	2	3	2	2	4
FAILED TO MAINTAIN DIRECTIONAL CONTROL				9		9	9		9
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				6	4	10	6	4	10
FAILED TO ABORT TAKEOFF	2		2	1	1	2	3	1	4
FAILED TO INITIATE GO-AROUND				9		9	9		9
SUBTOTAL	127	23	150	220	18	238	347	41	388
COPILOT									
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC					1	1		1	1
SUBTOTAL					1	1		1	1

CAUSE/FACTOR TABLE

DUAL STUDENT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
DUAL STUDENT									
IMPROPER LEVEL OFF				1		1	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
SUBTOTAL				2		2	2		2
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL									
FLIGHT INSTRUCTOR									
INADEQUATE SUPERVISION OF FLIGHT		1	1					1	1
INADEQUATE TRAINING OF STUDENT					1	1		1	1
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				3		3	3		3
IMPROPER MAINTENANCE(OWNER PERSONNEL)		1	1					1	1
IMPROPERLY SERVICED AIRCRAFT(GROUND CREW)				1		1	1		1
INADEQUATE MAINTENANCE AND INSPECTION	2	3	5	10	1	11	12	4	16
OPERATIONAL SUPERVISORY PERSONNEL									
INADEQUATE SUPERVISION OF FLIGHT CREW		1	1					1	1
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
INADEQUATE SPACING OF AIRCRAFT					1	1		1	1
AIRPORT SUPERVISORY PERSONNEL									
FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK				1	1	2	1	1	2
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
OTHER	1		1				1		1
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	4		4				4		4
GROUND CREWMAN					1	1		1	1
PASSENGER	1		1	1		1	2		2
DRIVER OF VEHICLE				1		1	1		1
THIRD PILOT									
FLIGHT ENGINEER									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	8	6	14	17	5	22	25	11	36
** AIRFRAME **									
WINGS									
SPARS	2	1	3				2	1	3
RIBS, STRINGERS, CAP STRIPS				1		1	1		1
WING ATTACHMENT FITTINGS, BOLTS	1		1				1		1
FUSELAGE									
DOORS, DOOR FRAMES				1	1	2	1	1	2
SEATS				2		2	2		2
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				1		1	1		1
NORMAL RETRACTION/EXTENSION ASSEMBLY				1		1	1		1
TAILWHEEL ASSEMBLIES				1		1	1		1
NOSEWHEEL ASSEMBLIES				1		1	1		1
BRAKING SYSTEM (NORMAL)				1		1	1		1
LANDING GEAR WARNING AND INDICATING COMPONENTS					1	1		1	1
FLIGHT CONTROL SURFACES									
SUBTOTAL	3	1	4	9	2	11	12	3	15
** POWERPLANT **									
ENGINE STRUCTURE									
CRANKSHAFT				1		1	1		1
MASTER AND CONNECTING RODS				1		1	1		1
VALVE ASSEMBLIES				3		3	3		3
BLOWER, IMPELLER ASSEMBLY				1		1	1		1
OTHER				2		2	2		2
IGNITION SYSTEM									
SPARK PLUG				1		1	1		1
FUEL SYSTEM									
LINES AND FITTINGS				1		1	1		1
SELECTOR VALVES	1		1				1		1
CARBURETOR				2		2	2		2
PUMPS				1		1	1		1
FUEL INJECTION SYSTEM	1		1				1		1
VENTS, DRAINS, TANK CAPS				1		1	1		1

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS CAUSE	FATAL ACCIDENTS FACTOR	FATAL ACCIDENTS TOTAL	NONFATAL ACCIDENTS CAUSE	NONFATAL ACCIDENTS FACTOR	NONFATAL ACCIDENTS TOTAL	ALL ACCIDENTS CAUSE	ALL ACCIDENTS FACTOR	ALL ACCIDENTS TOTAL
RAM AIR ASSEMBLY				1		1	1		1
LUBRICATING SYSTEM									
LINES, HOSES, FITTINGS				1		1	1		1
OTHER				1		1	1		1
COOLING SYSTEM									
COWLING		1	1					1	1
PROPELLER AND ACCESSORIES									
GOVERNORS		1	1	1		1	1	1	2
EXHAUST SYSTEM									
BAFFLES				1		1	1		1
ENGINE ACCESSORIES									
ENGINE CONTROLS									
THROTTLE-POWER LEVER ASSEMBLIES				2		2	2		2
POWERPLANT-INSTRUMENTS									
FUEL QUANTITY GAUGE					2	2		2	2
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	6		6	11		11	17		17
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
FUEL CONTROL				2		2	2		2
OTHER				1		1	1		1
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	8	2	10	35	2	37	43	4	47
** SYSTEMS **									
ELECTRICAL SYSTEM									
BATTERIES				1		1	1		1
SWITCHES					1	1		1	1
HYDRAULIC SYSTEM									
FLIGHT CONTROL SYSTEMS									
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM	1		1				1		1
WING FLAP CONTROL SYSTEM (ELECTRICAL)					1	1		1	1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	1		1	1	2	3	2	2	4
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
OTHER		1	1					1	1
MISCELLANEOUS EQUIPMENT									
SUBTOTAL		1	1					1	1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
TAIL ROTOR BLADES	1		1	1		1	2		2
TRANSMISSION ROTOR DRIVE SYSTEM									
SPRAG SYSTEM				1		1	1		1

CAUSE/FACTOR TABLE

ROTORCRAFT (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL	1		1	2		2	3		3
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
WET RUNWAY					6	6		6	6
ICE/SLUSH ON RUNWAY					2	2		2	2
SNOW ON RUNWAY				1	3	4	1	3	4
ROUGH WATER		1	1					1	1
HIGH VEGETATION				1		1	1		1
HIDDEN HAZARD				1	1	2	1	1	2
OTHER		1	1		2	2		3	3
AIRWAYS FACILITIES									
SUBTOTAL		2	2	3	14	17	3	16	19
** WEATHER **									
LOW CEILING		26	26		2	2		28	28
RAIN		7	7		3	3		10	10
FOG		21	21		5	5		26	26
SNOW		3	3		1	1		4	4
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		3	3					3	3
CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING		1	1		5	5		6	6
UNFAVORABLE WIND CONDITIONS		2	2	1	15	16	1	17	18
WIND SHEAR					1	1		1	1
TURBULENCE IN FLIGHT, CLEAR AIR					2	2		2	2
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS		3	3		1	1		4	4
DOWNDRAFTS, UPDRAFTS		1	1		4	4		5	5
TORNADO	1	2	3				1	2	3
HIGH TEMPERATURE					1	1		1	1
OBSTRUCTIONS TO VISION		1	1					1	1
HIGH DENSITY ALTITUDE		3	3		5	5		8	8
THUNDERSTORM ACTIVITY		8	8					8	8
SUBTOTAL	1	81	82	1	45	46	2	126	128
** TERRAIN **									
WET, SOFT GROUND				1	9	10	1	9	10
SNOW-COVERED				1		1	1		1
HIGH VEGETATION					6	6		6	6
ROUGH/UNEVEN				2	14	16	2	14	16
HIGH OBSTRUCTIONS		10	10	1	18	19	1	28	29
SANDY				1		1	1		1
OTHER					2	2		2	2
SUBTOTAL		10	10	6	49	55	6	59	65
** MISCELLANEOUS **									
SMOKE IN COCKPIT					1	1		1	1
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS	1	1	2	1		1	2	1	3
UNDETERMINED	14		14	3		3	17		17
PROP/JET/ROTOR BLAST				1		1	1		1
EVASIVE MANEUVER TO AVOID COLLISION				1		1	1		1
DIRECT ENTRIES				1		1	1		1
SUBTOTAL	15	1	16	7	1	8	22	2	24
GRAND TOTAL	164	127	291	303	139	442	467	266	733
** MISCELLANEOUS ACTS, CONDITIONS **									
LEAK/LEAKAGE				1		1	1		1
DOWNWIND		1	1		9	9		10	10
LOOSE, PART/FITTING		1	1	3		3	3	1	4
COLLAPSED				1		1	1		1
DETERIORATED				1		1	1		1
DISCONNECTED				3	1	4	3	1	4
ELONGATED				1		1	1		1
EXCESSIVE-WEAR/PLAY				2		2	2		2

CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
ERRATIC					2	2		2	2
OBSTRUCTED				4		4	4		4
OPEN				1		1	1		1
EXCESSIVE PRESSURE				1		1	1		1
SCORED				1		1	1		1
STUCK				1		1	1		1
VIBRATION, EXCESSIVE				1	1	2	1	1	2
ICE-INDUCTION				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE					1	1		1	1
INTENTIONAL WHEELS UP				4		4	4		4
RAN OFF END OF RUNWAY					8	8		8	8
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				5		5	5		5
DISREGARD OF GOOD OPERATING PRACTICE	1		1				1		1
IMPROPER EMERGENCY PROCEDURES	1		1				1		1
INSTRUCTIONS-MISINTERPRETED				1		1	1		1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA				1	3	4	1	3	4
UNWARRANTED LOW FLYING	2	5	7	2	1	3	4	6	10
FAILED TO USE ALL AVAILABLE RUNWAY				1		1	1		1
INATTENTIVE TO FUEL SUPPLY				2		2	2		2
FLEW INTO BLIND CANYON					1	1		1	1
POORLY PLANNED APPROACH					1	1		1	1
MISCALCULATED FUEL CONSUMPTION				2		2	2		2
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT		4	4		2	2		6	6
IMPROPERLY SECURED				4		4	4		4
ELECTRICAL FAILURE		1	1		1	1		2	2
ENGINE LOADED UP				1		1	1		1
FATIGUE FRACTURE	2		2	2		2	4		4
RPM-UNCONTROLLABLE-OVERSPEED				1		1	1		1
WRONG PART				2		2	2		2
IMPROPER ALIGNMENT/ADJUSTMENT				3	1	4	3	1	4
FAILURE OF TWO OR MORE ENGINES					1	1		1	1
SEPARATION IN FLIGHT		5	5					5	5
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					1	1		1	1
INCORRECT TRIM SETTING		1	1					1	1
PILOT FATIGUE	1	2	4				1	2	3
FUEL EXHAUSTION	1		1	13		13	14		14
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL		1	1					1	1
PILOT SUFFERED HEART ATTACK	1		1				1		1
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT	1	4	5	1		1	2	4	6
ICE-IN FUEL				2		2	2		2
ICE-CARBURETOR				4		4	4		4
AIRFRAME ICE	1		1	4		4	5		5
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	1	3	4				1	3	4
SUNGLARE		1	1		1	1		2	2
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1		1	1		1
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				2		2	2		2
SIMULATED CONDITIONS					1	1		1	1
WATER IN FUEL	2	1	3	3		3	5	1	6
AIRCRAFT CAME TO REST IN WATER		6	6		7	7		13	13
MISSING		1	1					1	1
TOUCH AND GO LANDING					3	3		3	3
HYDROPLANING ON WET RUNWAY					1	1		1	1
OVERLOAD FAILURE	2	1	3		27	27	2	28	30
MATERIAL FAILURE	2		2	11		11	13		13
FUEL STARVATION	2		2	6		6	8		8

DIRECT ENTRY CAUSES

MISC-UNWANTED AUTOFEATHER FOR UNDETERMINED REASON

DIRECT ENTRY CAUSES ARE CARRIED UNDER THEIR APPROPRIATE CAUSAL CATEGORIES AND ARE INCLUDED IN THE TOTALS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3001	N36P	080779	NPONTIAC,MI	LOCKHEED	12A	FATAL
3 3002	N7173M	091479	ALBUQUERQUE,NM	CESSNA	175	NONE
3 3003	N9529U	101379	NALBUQUERQUE,NM	GRUM AMER	AA-1C	MINOR
3 3004	N12JW	100279	MOORESVILLE,NC	PIPER	PA-23	FATAL
3 3005	N44522	082179	HICKORY,NC	PIPER	PA-32	SERIOUS
3 3006	N9046J	091679	NLINVILLE,NC	PIPER	PA-23	FATAL
3 3007	N1437C	081579	ALEXANDER,ME	PIPER	PA-22	NONE
3 3008	N8872	072879	PITTSFIELD,ME	DEHAVILLAND	DH82A	MINOR
3 3009	N6245L	112279	NCHARLESTON,IL	AMERICAN	AA-1B	FATAL
3 3010	N8462P	112279	NHENDERSON,NC	PIPER	PA-24	NONE
3 3011	N7060L	082079	NCRESAPTOWN,MD	CESSNA	310K	FATAL
3 3012	N53440	082079	NOAKLAND,MD	CESSNA	150	NONE
3 3013	N201YY	100479	PIKEVILLE,TN	MOONEY	M20J	FATAL
3 3014	N99DD	121379	NBROOMFIELD,CO	DELTA	DYKE	FATAL
3 3015	N2191G	121579	NGUNNISON,CO	CESSNA	182	MINOR
3 3016	N6773	090279	BRIDGEPORT,NJ	TEENY	2	MINOR
3 3017	N267RB	071979	WOODBINE,NJ	PIPER	PA-32	NONE
3 3018	N9297H	033079	COLTS NECK,NJ	CESSNA	172	NONE
3 3019	N62727	102979	HARLAN,KY	PIPER	PA-23	MINOR
3 3020	N222LP	092279	NEWCOMB,NY	ENSTROM	F-28A	NONE
3 3021	N1678R	101479	BOONEVILLE,NY	CESSNA	185	NONE
3 3022	N29391	082179	SCHROON LAKE,NY	CESSNA	172M	SERIOUS
3 3023	N60574	091579	SOUTHOLD,NY	CESSNA	U206	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3024	N3594B	122679	NINTRACSTL CY,LA	AEROSPATLE	AS-350	SERIOUS
3 3025	N4591L	102079	BROOKINGS,OR	CESSNA	310	NONE
3 3026	N4098U	112679	MOSES LAKE,WA	CESSNA	150E	MINOR
3 3027	N2476K	081779	PLAINVILLE,CT	LUSCOMBE	8E	NONE
3 3028	N32127	071079	NORTH CONWAY,NH	WACO	UPF-7	NONE
3 3029	N232F	110279	NFAIRBANKS,IN	CESSNA	210E	NONE
3 3030	N259Q	080179	WEST HARTFORD,VT	ENDSTROM	F28A	NONE
3 3031	N3018C	120779	WELLSTON,OK	BEECH	J35	NONE
3 3032	N4387E	120879	GUYMON,OK	PIPER	PA-38	NONE
3 3033	N6383K	111779	FORT STOCKTON,TX	CESSNA	150	NONE
3 3034	N5993W	101279	SAN MARCOS,TX	PIPER	PA-28	NONE
3 3035	N3799R	120979	HARRISON,NE	CESSNA	172	NONE
3 3036	N7403D	122079	LAUREL,MT	PIPER	PA-22	NONE
3 3037	N2197N	120179	NMALTA,MT	CESSNA	140	NONE
3 3038	N3005R	072679	MONTEREY,CA	CESSNA	320A	FATAL
3 3039	N32470	102079	NLONE PINE,CA.	PIPER	PA-28R	NONE
3 3040	N73138	122379	SALINAS,CA.	CESSNA	172	NONE
3 3041	N700S	122379	MONTEREY,CA	BEECH	65-90	NONE
3 3042	N4546Y	112879	SALISBURY,MO	PIPER	PA-25	NONE
3 3043	N82076	112779	NLINCOLN,MO	PIPER	PA-18	MINOR
3 3044	N67Y	112579	VALLES MINES,MO	YOUNG-OWENS	CASSUT	SERIOUS
3 3045	N1060N	120979	BALLWIN,MO	ADAMS,MD	A55	SERIOUS
3 3046	N4896	120279	ST. LOUIS,MO	ENSTROM	F-28A	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3047	N3580R	120979	TEA,SD	BEECH	A23	NONE
3 3048	N26289	120179	EUREKA,SD	GRUMMAN	AA-5A	NONE
3 3049	N2910R	122279	CHANCELLOR,SD	RAVEN	RX-7	SERIOUS
3 3050	N3165X	120979	ONAGA,KS	CESSNA	150G	MINOR
3 3051	N2162E	121579	CEDAR VALE,KS	PIPER	PA-32	NONE
3 3052	N5131G	072879	NCOLUMBUS,KS	CESSNA	150H	NONE
3 3053	N3050A	122079	KINGMAN,KS	CESSNA	170B	NONE
3 3054	N1053E	101279	LYONS,KS	AIRYPLANE	PDQ	NONE
3 3055	N7481F	120479	NGARDEN CITY,KS	HUGHES	269C	NONE
3 3056	N5298S	120979	NDODGE CITY,KS	PIPER	PA-28	MINOR
3 3057	N2078N	121479	OSAWATOMIE,KS	PIPER	PA-34	NONE
3 3058	N29010	092679	MARLBORO,MA	PIPER	PA-28	NONE
3 3059	N7340Z	082679	NEWBURYPORT,MA	CESSNA	172N	NONE
3 3060	N41689	112579	ST JAMES,MN	BELLANCA	7ECA	NONE
3 3061	N86113	120679	SACRED HEART,MN	AERONCA	11AC	NONE
3 3062	N85121	102879	ALEXANDRIA,MN	AERONCA	7AC	MINOR
3 3063	N737PS	081179	WINSTED,MN	CESSNA	T182RG	NONE
3 3064	N3352V	111179	LAS VEGAS,NV	CESSNA	150	NONE
3 3065	N5035Z	112079	MIDDLE RIVER,MN	PIPER	PA-22	NONE
3 3066	N1824A	102879	TAOPI,MN	CESSNA	182	NONE
3 3067	N8321A	100779	NSCHURZ,NV	CESSNA	170B	FATAL
3 3068	N930NR	091479	LONG BEACH,CA	BELL	47J-2	FATAL
3 3069	N759GY	100379	BURBANK,CA	CESSNA	182	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3070	N2555S	103179	NHESPERIA,CA	CESSNA	T337C	FATAL
3 3071	N4SW	091479	NKLAMATH FALLS,OR	DOUGLAS	DC-7C	FATAL
3 3072	N48740	082679	SAN MARCOS,CA.	CESSNA	152	FATAL
3 3073	N1228T	091679	GRASS VALLEY,CA	PIPER	PA-28R	NONE
3 3074	N9466B	092179	HOLLISTER,CA	CESSNA	175	FATAL
3 3075	N22932	091779	AVALON,CA	GRUMMAN	G-21A	FATAL
3 3076	N331JB	101479	NONTARIO,CA	PIPER	PA-32	FATAL
3 3077	N5001V	092079	CASTAIC,CA	BOEING	A75N1	NONE
3 3078	N72571	041279	HOWEY IN HILLS,FL	BEECH	56TC	FATAL
3 3079	N5861Y	022579	NST PETERSBURG,FL	PIPER	PA-23	FATAL
3 3080	N6883Y	120579	PEMBROKE PINES,FL	PIPER	PA-23	FATAL
3 3081	N8440Y	042979	LAKE WORTH,FL	PIPER	PA-30	FATAL
3 3082	N6116H	093079	NORLANDO,FL	PIPER	PA-28	FATAL
3 3083	N6350W	111079	NPHOENIX,AZ	PIPER	PA-28	FATAL
3 3084	N1944F	090879	LAFAYETTE,LA	CESSNA	172N	FATAL
3 3085	N5936J	101579	SPRING VALLEY,IL	CESSNA	A150L	FATAL
3 3086	N72504	092979	NVICKSBURG,MS	CESSNA	120	FATAL
3 3087	N20995	072979	SPRING GREEN,WI	PIPER	PA-32	FATAL
3 3088	N23BC	110579	TAU,AMER SAMOA	DEHAVILLAND	DHC-6	SERIOUS
3 3089	N5461B	112479	NMINNEAPOLIS,MN	CESSNA	152	NONE
3 3090	N6908G	103179	HOBBS,NM	CESSNA	150L	NONE
3 3091	N24042	062779	NANCHORAGE,AK	BEECH	B19	FATAL
3 3092	N6023F	102279	MISSING AIRCRAFT	BEECH	C33	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 3093	N91399	060979	SAINT MARYS,AK	CESSNA	180	NONE
3 3094	N1912P	052079	NVALDEZ,AK	PIPER	PA-22	FATAL
3 3095	N58184	072579	NBAY CITY,OR	HUGHES	369D	MINOR
3 3096	N4945X	081679	NHERMISTON,OR	AERO COMDR	S-2R	SERIOUS
3 3097	N2340D	102479	TROUTDALE,OR	PIPER	PA-38	NONE
3 3098	N55963	121779	NMILL CITY,OR	AEROSPATLE	SA315B	NONE
3 3099	N21850	122579	HOOD RIVER,OR	CESSNA	177RG	NONE
3 3100	N7950R	120779	NSUBLETT,ID	BEECH	V35A	FATAL
3 3101	N5469G	010979	NSPANISH FORKS, UT	CESSNA	421C	FATAL
3 3102	N618WC	053179	MISSING AIRCRAFT	CESSNA	182	FATAL
3 3103	N646B	092879	SUMTER,SC	BEECH	D18S	NONE
3 3104	N9181K	072179	HUNTSVILLE,AL	PIPER	PA-32	FATAL
3 3105	N9197M	091679	NFOLKSTON,GA	CESSNA	182P	FATAL
3 3106	N5762P	082779	NMELBOURNE,FL	PIPER	PA-24	FATAL
3 3107	N59627	041279	NCAMERON,LA	BELL	206B	MINOR
3 3108	N1850R	121579	NVENICE,LA	CESSNA	A185F	FATAL
3 3109	N5970M	120979	LAFAYETTE,LA	CESSNA	421B	SERIOUS
3 3110	N21479	111179	SUGARLAND,TX	CESSNA	172M	FATAL
3 3111	N5137S	092079	HARTSVILLE,SC	PIPER	PA-28	FATAL
3 3112	N1706	111979	MISSING AIRCRAFT	BEECH	D50B	FATAL
3 3113	N57329	121579	NSONORA,TX	PIPER	PA-28	FATAL
3 3114	NONE	111779	BAY CITY,TX	SCORPION	II	FATAL
3 3115	N311R	092779	NRANGER,TX	BEECH	C35	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3116	N732ZR	111879	EL PASO,TX	CESSNA	210	FATAL
3 3117	N7611B	111779	NLILLIAN,TX	CESSNA	152	FATAL
3 3118	N2777N	070679	NMADISON,SD	CESSNA	120	FATAL
3 3119	N6146H	092079	CHANUTE,KS	PIPER	PA-28	MINOR
3 3120	N5518V	091379	MOUNTAIN VIEW,MO	PIPER	PA-28	FATAL
3 3121	N3261T	092279	FREEMAN,MO	CESSNA	177	MINOR
3 3122	N8299F	072679	ST.LOUIS,MO	CESSNA	401	NONE
3 3123	N2076F	081279	NCLINTON,MO	BALLOON WKS	F'FLY7	SERIOUS
3 3124	N9355L	072079	VERSAILLES,MO	AMER AVCO	AA-1A	FATAL
3 3125	N3785B	072579	FT WOOD,MO	BEECH	E18S	NONE
3 3126	N7360H	091679	INTL FALLS,MN	CESSNA	172XP	FATAL
3 3127	N84906	070479	EVELETH,MN	AERONCA	7AC	FATAL
3 3128	N72KA	111679	NOLATHE,KS	PAZMANY	PL-2	FATAL
3 3129	N6879F	072679	NINDEPENDENCE,IA	CESSNA	150F	FATAL
3 3130	N2181D	111179	MELVIN,IA	PIPER	PA-28	FATAL
3 3131	N80894	051479	NARCADIA,FL	GLOBE SWIFT	GC1B	FATAL
3 3132	N8623F	091979	JACKSONVILLE,FL	HUGHES	369HS	FATAL
3 3133	N761ZX	071179	NMILTON,FL	CESSNA	210M	FATAL
3 3134	N88696	093079	NFT.LAUDERDALE,FL	CESSNA	404	FATAL
3 3135	N1709Z	082479	SAN JUAN,PR	CESSNA	336	FATAL
3 3136	N14478	082579	SAN JUAN,PR	CONVAIR	440	NONE
3 3137	N721N	070779	NARUBA,ANTILLES	LOCKHEED	PV-1	NONE
3 3138	N561MC	050679	NJAMAICA,W. INDIES	CESSNA	185	NONE

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3139	N544B	042779	NGUAMTANAMO,CUBA	LOCKHEED	PV-1	FATAL
3 3140	N3815C	100479	MISSING AIRCRAFT	AERO COMDR	500	FATAL
3 3141	N66134	083079	PALOS VERDES,CA	CESSNA	150	MINOR
3 3142	N1267P	093079	ASHFORD,CT	PIPER	PA-23	FATAL
3 3143	N73297	071479	GRISWOLD,CT	CESSNA	172M	NONE
3 3144	N4512P	123079	ROYAL OAK,MI	PIPER	PA-28	FATAL
3 3145	N4437J	102979	PLAINWELL,MI	PIPER	PA-28	FATAL
3 3145	N5345Z	102979	PLAINWELL,MI	PIPER	PA-22	FATAL
3 3146	N1320G	102279	NBLOOMINGTON,IN	CESSNA	310	FATAL
3 3147	N170EE	100179	NORTH MANCHEST,IN	BELLANCA	17-31	FATAL
3 3148	N89179	100179	SYRACUSE,IN	CESSNA	152	FATAL
3 3149	N6051P	090279	BLOOMFIELD TWP,WI	PIPER	PA-24	FATAL
3 3149	N8859Y	090279	BLOOMFIELD TWP,WI	PIPER	PA-39	FATAL
3 3150	N7853E	092379	PORCUPINE,WI	CESSNA	150	FATAL
3 3151	N49080	081979	KUNKLETOWN,PA	CESSNA	152	FATAL
3 3152	N102CB	090979	HANOVER,PA	BELLANCA	17-30A	FATAL
3 3153	N2216G	071579	NBLNG SPRINGS,PA	PIPER	PA-28	FATAL
3 3154	N732HT	112679	SPRINGBROOK,PA	CESSNA	U206G	SERIOUS
3 3155	N6945C	090279	FISHERS ISLAND,NY	PIPER	PA-28	SERIOUS
3 3156	N7332B	090379	WARWICK,NY	CESSNA	152	NONE
3 3157	N9283C	061879	FLUSHING,NY	PIPER	PA-28	FATAL
3 3158	N40438	111679	NTUSAYAN,AZ	MARTIN	404	SERIOUS
3 3159	N527HA	012979	NHOMESTEAD,FL	HILLER	UH-12E	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 3160	N56373	090979	NMOLINE,IL	PIPER	PA-28R	NONE
3 3161	N2662U	122379	SPEARMAN,TX	CESSNA	172	NONE
3 3162	N3162T	071379	LE SUEUR,MN	CESSNA	177	FATAL
3 3163	N3765Z	081879	NHEPPNER,OR	PIPER	PA-18	NONE
3 3164	N99994	081979	NPITTSTOWN,NJ	RYAN	PT-22	FATAL
3 3165	N811H	071979	NMARTHA'S VNYRD,MA	PIPER	PA-18	NONE
3 3166	N3424G	031779	NHEBER,AZ	CESSNA	310R	FATAL
3 3167	N6171P	121179	MISSING AIRCRAFT	PIPER	PA-24	FATAL
3 3168	N181D	071579	MISSING AIRCRAFT	CESSNA	310	FATAL
3 3169	N6275W	090579	NO.WHITEHALL,PA	PIPER	PA-28	FATAL
3 3170	N90022	091179	MERRIMACK,NH	BELL	206B	MINOR
3 3171	N35FC	031879	ASPEN,CO.	AEROSTAR	601&	FATAL
3 3172	N6065F	090279	SANDWICH,IL	CESSNA	182P	MINOR
3 3173	N714ZY	070879	DWIGHT,IL	CESSNA	152	NONE
3 3174	N44503	112279	LAPORTE,IN	PIPER	PA-32	NONE
3 3175	N2271W	111679	DAYTON,OH	BELL	47G5	NONE
3 3176	N68246	110679	JACKSON,MI	CESSNA	152	NONE
3 3177	N20PC	100279	BENTON HARBOR,MI	CESSNA	310G	NONE
3 3178	N6746S	122679	HESPERIA,MI	CESSNA	150H	NONE
3 3179	N2807Z	122479	ITHACA,MI	PIPER	PA-20	MINOR
3 3180	N39008	121579	MARION,MI	GRUMMAN	AA-1C	NONE
3 3181	N8633U	120579	DETROIT,MI	CESSNA	172F	NONE
3 3182	N714WL	112979	MADISON,WI	CESSNA	152	MINOR

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 3183	N2373W	072179	APPLETON,WI	BEECH	23	NONE
3 3184	N74000	080779	PLATTEVILLE,WI	CESSNA	182P	MINOR
3 3185	N4662K	060379	WILMOT,WI	CESSNA	185P	NONE
3 3186	N1468V	112479	PORTAGE,WI	CESSNA	172	NONE
3 3187	N36015	072979	ENTERPRISE, AL	BELL	47-D1	NONE
3 3188	N7711C	121679	EUFAULA,AL	N AMERICAN	P-51D	FATAL
3 3189	N59314	062779	BETTLES,AK	DOUGLAS	DC3C	NONE
3 3190	N1991U	063079	NKOTLIK,AK	CESSNA	U206F	MINOR
3 3191	N9466S	102579	NFORDYCE,AR	BEECH	C55	FATAL
3 3192	N1863L	120679	NSHOW LOW,AZ	BEECH	V35B	FATAL
3 3193	N97430	111679	NLIVERMORE,CA	CESSNA	182Q	FATAL
3 3194	N2962C	111679	NLIVERMORE, CA	PIPER	PA-28	FATAL
3 3195	N8450	112379	NROCKY FORD,CO	WOODY PUSH	WAS-2	FATAL
3 3196	N516PA	092379	MIRAMAR,FL	BEECH	D18S	FATAL
3 3197	N17DG	102079	NBUNNELL,FL	PITTS	S-2A	FATAL
3 3198	N8971L	112979	NMELBOURNE,FL	AMER AVCO	AA1-B	FATAL
3 3199	N48000	081079	WAYNESBORO,GA	CESSNA	188B	SERIOUS
3 3200	N470PP	120979	NIDAHO FALLS,ID	CESSNA	182	FATAL
3 3201	N9347E	092879	ELGIN,IL	CESSNA	172	NONE
3 3202	N54386	100479	KANKAKEE,IL	PIPER	PA-28	SERIOUS
3 3203	N3504E	101179	BROOKPORT,IL	AERONCA	7AC	NONE
3 3204	N7330H	101279	NEW LENOX,IL	CESSNA	172N	NONE
3 3205	N3596F	101379	WHEELING,IL	CESSNA	182J	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 3206	N4210Y	102479	MAKANDA,IL	BELLANCA	7KCAB	NONE
3 3207	N10056	111279	FREEPORT,IL	CESSNA	150L	MINOR
3 3208	N8571H	090779	NVERSAILLES,IN	GRUMMAN	G-164A	NONE
3 3209	N2594K	121879	HARVEY,LA	CESSNA	180K	FATAL
3 3210	N6505Z	090579	LEE,MA	PIPER	PA-25	FATAL
3 3211	N9560D	060579	NREDLICK,MS	PIPER	PA-22	FATAL
3 3212	N219TC	080579	GRAND HAVEN,MI	BREEZY	FGC100	FATAL
3 3212	N7421H	080579	GRAND HAVEN,MI	PIPER	J3C-65	FATAL
3 3213	N68339	083079	MUSKEGON,MI	CESSNA	150	NONE
3 3214	N39591	102079	MANISTEE,MI	PIPER	PA-32R	NONE
3 3215	N98967	102179	LONG RAPIDS,MI	PIPER	PA-12	SERIOUS
3 3216	N6100K	110279	NAPOLEON,MI	CESSNA	150M	NONE
3 3217	N18822	112579	MARNE,MI	SPEZIO	CB-2	NONE
3 3218	N62559	081179	AUSTIN,MN	BOEING	A75	SERIOUS
3 3219	N6229W	102179	ALAMOGORDO,NM	PIPER	PA-28	MINOR
3 3220	N216DV	081679	ISLIP,NY	CESSNA	152	NONE
3 3221	N63AV	090479	BARBERTON,OH	AVION FALCN	2	SERIOUS
3 3222	N936V	091079	CINCINNATI,OH	BEECH	A36	SERIOUS
3 3223	N2442L	102079	WARREN,OH	CESSNA	172	NONE
3 3224	N1956F	102979	ZANESVILLE,OH	CESSNA	172N	NONE
3 3225	N733QJ	112779	HILLSBORO,OH	CESSNA	172N	NONE
3 3226	N15588	112979	BATAVIA,OH	PIPER	PA-32	NONE
3 3227	N66893	110279	GREENVILLE,SC	PIPER	PA-31	FATAL

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 3228	N8060C	111979	NMCCORMICK,SC	DOUGLAS	C-54D	FATAL
3 3229	N9581F	122079	NCORNICH,UT	HUGHES	269C	NONE
3 3230	N27678	092979	LYNCHBURG,VA	PIPER	PA-31	NONE
3 3231	N7320J	120879	PASCO,WA	CESSNA	T210M	FATAL
3 3232	N847U	030979	NCLINTONVILLE,WI	BEECH	G18S	NONE
3 3233	N4073P	042279	PARK FALLS,WI	PIPER	PA-23	SERIOUS
3 3234	N169N	062779	MIDDLETON,WI	CESSNA	180	NONE
3 3235	N9659A	072979	OSKHOSH,WI	BAKENG	DUCE	NONE
3 3236	N47420	080479	LAKEWOOD,WI	PIPER	PA-32	NONE
3 3237	N274WD	090279	JANESVILLE,WI	TOM STORY	WD-6	FATAL
3 3238	N6837P	090979	MENOMONIE,WI	PIPER	PA-24	SERIOUS
3 3239	N714SY	092879	RIO,WI	CESSNA	152	MINOR
3 3240	N6518	093079	WATERTOWN,WI	FLY-BABY	1-A	FATAL
3 3241	N45718	111179	OMRO,WI	CESSNA	150M	SERIOUS
3 3242	N13986	102779	MISSING AIRCRAFT	PIPER	PA-23	FATAL
3 3243	N2183R	090979	MISSING AIRCRAFT	CESSNA	182	FATAL
3 3244	N234MA	112679	NPOST OAK,TX	MITSUBISHI	MU-2B	FATAL
3 3245	N3047V	050479	NCENTENNIAL,WY	CESSNA	172	FATAL
3 3246	N30509	083079	DOVE CREEK,CO	CESSNA	172	NONE
3 3247	N47810	090979	MONTE VISTA,CO	CESSNA	A188B	NONE
3 3248	N4742E	111379	GREELEY,CO	CESSNA	185	NONE
3 3249	N8621M	092579	JOLIET,IL	BEECH	35-B33	NONE
3 3250	N5998Y	111079	RUIDOSO,NM	PIPER	PA-23	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3251	N68705	080879	NCROWN POINT,NM	CESSNA	152	SERIOUS
3 3252	N26349	090779	DULCE,NM	GRUM AMER	AA-5A	NONE
3 3253	N7897H	101279	FARMINGTON,NM	PIPER	PA-12	NONE
3 3254	N3363J	020979	NFARMINGTON,NM	CESSNA	150	NONE
3 3255	N9582P	071079	CLINTON,OK	PIPER	PA-25	NONE
3 3256	N2304P	113079	NPROVO,UT	AEROSPATIAL	SA316B	NONE
3 3257	N5428F	040679	GALLUP,NM	PIPER	PA-28	SERIOUS
3 3258	N5117F	070779	NALBUQUERQUE,NM	CESSNA	172	SERIOUS
3 3259	N5033E	072679	CLAYTON,CO	BELLANCA	DGCBC	NONE
3 3260	N7462S	061779	NWAMSUTTER,WY	CESSNA	182	NONE
3 3261	N58645	051179	CENTER,CO	CESSNA	182	NONE
3 3262	N4804W	030479	FAIRFIELD,UT	ROCKWELL	114	FATAL
3 3263	N17127	092779	BATTLE GROUND,WA	MOOTS	BD-4	SERIOUS
3 3264	N4422W	082479	KINROSS,MI	BEECH	95-B55	FATAL
3 3265	N99484	111879	BISHOPVILLE,SC	ERCO	415-C	FATAL
3 3266	N3949A	112579	DELTA,OH	BEECH	V35B	FATAL
3 3267	N4122E	111379	LYNNWOOD,WA	PIPER	PA-18	SERIOUS
3 3268	N5052W	092279	JACKSON,WY	BELLANCA	8GCBC	NONE
3 3269	N82671	082279	NARCH,NM	PIPER	PA-36	MINOR
3 3270	N8007N	090679	GALLUP,NM	PIPER	PA-28	MINOR
3 3271	N8451P	082379	TRUTH OR CONS,NM	PIPER	PA-24	NONE
3 3272	N94243	061979	BRIGHTON,CO	CESSNA	T210	MINOR
3 3273	N40458	072979	FIRESTONE,CO	BALLON WORK	FIRE 7	SERIOUS

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 3274	N3724E	080779	PUEBLO,CO	PIPER	PA-36	NONE
3 3275	N6018G	071379	LA JARA,CO	CESSNA	150	NONE
3 3276	N2518F	072579	BOULDER,CO	CHAMPION	7EA	NONE
3 3277	N15JH	092979	NEAST FRUITA,CO	SMITH MINI	DSA1	NONE
3 3278	N5455L	080779	GUNNISON,CO	GRUMMAN	AA-5A	NONE
3 3279	N72487	080379	GREELEY,CO	BELL	47G	MINOR
3 3280	N376X	110979	NMAPLE VALLEY,WA	MAULE	M-5	MINOR
3 3281	N17696	102079	QUINHAGAK,AK	BEECH	A36	NONE
3 3282	N5460E	123079	NANCHORAGE,AK	HELIO ACFT	H-250	NONE
3 3283	N7070B	092879	UGASHIK,AK	PIPER	PA-18	NONE
3 3284	N7348E	102579	KIPNUK,AK	CESSNA	172	MINOR
3 3285	N761WB	051379	ENGLEWOOD,CO	CESSNA	T210M	MINOR
3 3286	N736LR	121479	NMONTROSE,CO	CESSNA	R172K	MINOR
3 3287	N5264G	120979	SANDPOINT,ID	CESSNA	305A	SERIOUS
3 3288	N1741T	102179	CHICAGO,IL	PIPER	PA-28	MINOR
3 3289	N99943	092279	NFREEPORT,IL	BLANIK	L-13	NONE
3 3290	N7119Y	120679	NCHICAGO,IL	PIPER	PA-30	NONE
3 3291	N756LA	111179	NOBLESVILLE,IN	CESSNA	206	SERIOUS
3 3292	NONE	122979	NASHUA,MT	SCORPION	133	FATAL
3 3293	N2168D	121979	NCHESTER,MT	PIPER	PA-32R	SERIOUS
3 3294	N8197M	122179	NGLENDIVE,MT	CESSNA	210M	NONE
3 3295	N12040	101279	NKLAMATH FALLS,OR	CESSNA	TU206	NONE
3 3296	N48129	120179	NFREELAND,WA	CESSNA	152	SERIOUS

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	AIRCRAFT MODEL	INJURY INDEX
3 3297	N733LC	080379	NPORT ANGELES,WA	CESSNA	172N	SERIOUS
3 3298	N8303F	122279	NMT.VERNON,WA	HUGHES	369D	MINOR
3 3299	N80979	091079	NELKINS,WV	CESSNA	172	FATAL
3 3300	N2109N	091779	NSUPERIOR,WI	PIPER	PA-28	MINOR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3104	7/21/79 TIME - 1211	HUNTSVILLE,AL	PIPER PA-32 N9181K DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 220 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  CHARLOTTE,NC
INTENDED DESTINATION
  ST.PAUL,MN
TYPE OF ACCIDENT
  AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
  PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - RAIN
  WEATHER - FOG
  WEATHER - THUNDERSTORM ACTIVITY
  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  BROKEN
CEILING AT ACCIDENT SITE
  1300
VISIBILITY AT ACCIDENT SITE
  3 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE
  RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TEMPERATURE-F
  73
WIND DIRECTION-DEGREES
  300
WIND VELOCITY-KNOTS
  4
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  NONE

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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3187	7/29/79 TIME - 0945	ENTERPRISE, AL	BELL 47-D1 N36015 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 50, 6600 TOTAL HOURS, 430 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ENTERPRISE, AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ROLL OVER
PHASE OF OPERATION
IN FLIGHT PROCEDURE TURNAROUND

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 6660
KIND OF CROP - OTHER
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SIDES
ELEVATION-AREA BEING TREATED-FEET - 383
PROCEDURE TURNAROUND - FIRST 1/3 TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - UPWIND
REMARKS- RAN THROUGH ROTOR WASH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3188	12/16/79 TIME - 1405	EUFAULA,AL	N AMERICAN P-51D N7711C DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 38, 5000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WEEDON
DEPARTURE POINT
EUFAULA,AL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - LOW CEILING
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
4 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
IFR
REMARKS- WITNESSES OBSD ACFT ROLL TWICE & ENTER CLD PRIOR TO CRASH. NEAREST WX RPPT-600 BRKN,2500 OVRCST.

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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3094	5/20/79 TIME - UNK/NR	NR.VALDEZ,AK	PIPER PA-22 N1912P DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 29, 18 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
VALDEZ,AK
TYPE OF ACCIDENT
UNDETERMINED

INTENDED DESTINATION
LOCAL

PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
EMERGENCY CIRCUMSTANCES - UNKNOWN/NOT REPORTED
UNKNOWN/NOT REPORTED
REMARKS- ACFT DMG PRESUMED.OIL SLICK FOUND IN PRINCE WILLIAM SOUND.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3093	6/9/79 TIME - 1800	SAINT MARYS,AK	CESSNA 180 N91399 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 59, 10000 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ST MARYS
DEPARTURE POINT
SAINT MARYS,AK
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED

INTENDED DESTINATION
MT VILLAGE,AK

PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - UNKNOWN/NOT REPORTED

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
50
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
VFR
REMARKS- WND GUSTING 35KTS.

CEILING AT ACCIDENT SITE
1200
PRECIPITATION AT ACCIDENT SITE
RAIN
RELATIVE BEARING OF WIND
RIGHT CROSS WIND 068-112 DEGREES
WIND DIRECTION-DEGREES
235
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3091	6/27/79 TIME - 1554	NR.ANCHORAGE,AK	BEECH 819 N24042 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 32, 752 TOTAL HOURS, 53 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  ANCHORAGE,AK
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT OTHER

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
FACTOR(S)
  PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
  WEATHER - RAIN
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
  WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TEMPERATURE-F
  55
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  OTHER
REMARKS- PLANNED LOW LVL CONFIDENCE MANEUVERS FOR STUDENT.APRX 148LBS OVR MAX GWT.CO FLT PLAN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3189	6/27/79 TIME -	BETTLES,AK	DOUGLAS DC3C N59314 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 49, 12408 TOTAL HOURS, 658 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BETTLES
DEPARTURE POINT
  FAIRBANKS,AK
INTENDED DESTINATION
  BETTLES,AK
TYPE OF ACCIDENT
  OVERSHOOT
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
  MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3190	6/30/79 TIME - 0020	NR.KOTLIK,AK	CESSNA U206F N1991U DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 27, 1059 TOTAL HOURS, 51 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  KOTLIK,AK
INTENDED DESTINATION
  EMMONAK,AK
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  NOSE OVER/DOWN
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- FLOAT EQUIPPED ACFT NOSED OVR DRG FORCED LNDG ON TUNDRA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3283	9/28/79 TIME - 1500	UGASHIK,AK	PIPER PA-18 N7070B DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 1600 TOTAL HOURS, 900 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BUSH STRIP
DEPARTURE POINT
  UGASHIK,AK
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  LEFT CROSS WIND 248-292 DEGREES
WIND VELOCITY-KNOTS
  10
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  NONE
REMARKS- AFTER LIFT-OFF AT END OF 700FT STRIP,RGT WING DIPPED & COLLIDED W BRUSH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3281	10/20/79 TIME - 1420	QUINHAGAK,AK	BEECH A36 N17696 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 44, 3050 TOTAL HOURS, 710 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - QUINHAGAK
DEPARTURE POINT — QUINHAGAK,AK
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH OBJECT — TAKEOFF ABORTED
GEAR COLLAPSED — TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
REMARKS- SILT & GRAVEL RWY.POOR TKOF ACCELERATION.PLT THOUGHT HE COULD NOT CLEAR RISING TERRAIN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3284	10/25/79 TIME - 1100	KIPNUK,AK	CESSNA 172 N7348E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 93 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KIPNUK
DEPARTURE POINT — KIPNUK,AK
INTENDED DESTINATION — BETHEL,AK.
TYPE OF ACCIDENT — PHASE OF OPERATION
STALL MUSH — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
REMARKS- ICE & SNOW ON ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3282	12/30/79 TIME - 0930	NR.ANCHORAGE,AK	HELIO ACFT H-250 N5460E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 722 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FLYING CROWN
DEPARTURE POINT — ANCHORAGE,AK
INTENDED DESTINATION — UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT — PHASE OF OPERATION
COLLIDED WITH DIRT BANK — TAKEOFF ABORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
REMARKS- RWY HAD 12 IN.LOOSE SNOW,W PWR LINES & DIRT BERM AT DEPT END.

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FILE    DATE            LOCATION            AIRCRAFT DATA          INJURIES       FLIGHT                                PILOT DATA
                                                                    F  S M/N      PURPOSE

3-3166  3/17/79  NR.HEBER,AZ               CESSNA 310R            CR-  1  0  0  NONCOMMERCIAL                   COMMERCIAL, AGE 48, 1800
        TIME - 1130                         N3424G                 PX-  1  0  0  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, UNK/NR IN
                                            DAMAGE-DESTROYED                                                     TYPE, INSTRUMENT RATED.
        DEPARTURE POINT                   INTENDED DESTINATION         LAST ENROUTE STOP
          FLAGSTAFF,AZ                      SAN ANTONIO,TX               EL PASO,TX
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                      IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FACTOR(S)
          WEATHER - SNOW
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
        MISSING AIRCRAFT - LATER RECOVERED

        SKY CONDITION                                                  CEILING AT ACCIDENT SITE
          OVERCAST                                                       UNKNOWN/NOT REPORTED
        VISIBILITY AT ACCIDENT SITE                                    PRECIPITATION AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                           SNOW SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                        WIND DIRECTION-DEGREES
          UNKNOWN/NOT REPORTED                                           225
        WIND VELOCITY-KNOTS                                            TYPE OF WEATHER CONDITIONS
          3                                                              IFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- RECOVERY DATE 4/23/79.


3-3083  11/10/79 NR.PHOENIX,AZ             PIPER PA-28            CR-  2  0  0  INSTRUCTIONAL                   COMMERCIAL, FL.INSTR.,
        TIME - 1534                         N6350W                 PX-  0  0  0  DUAL                            AGE 41, 699 TOTAL HOURS,
                                            DAMAGE-DESTROYED                                                     14 IN TYPE, INSTRUMENT
        DEPARTURE POINT                   INTENDED DESTINATION                                                   RATED.
          PHOENIX,AZ                        LOCAL
        TYPE OF ACCIDENT                                               PHASE OF OPERATION
          STALL  SPIN                                                    UNKNOWN/NOT REPORTED

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS- ACFT OBS IN STEEP NOSE DWN ROLLING DESCENT,THEN BGN RECOVERY.NO ENTRY IN IP'S LOG OF SPIN INSTRN.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3158	11/16/79 TIME - 1452	NR.TUSAYAN,AZ	MARTIN 404 N40438 DAMAGE-DESTROYED	CR- 0 3 0 PX- 0 7 34	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 52, 13000 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GRAND CANYON
DEPARTURE POINT
TUSAYAN,AZ
INTENDED DESTINATION
LAS VEGAS,NV
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
MISC-UNWANTED AUTOFEATHER FOR UNDETERMINED REASON
FACTOR(S)
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER - HIGH DENSITY ALTITUDE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
40
TYPE OF WEATHER CONDITIONS
VFR
FIRE AFTER IMPACT
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
56
WIND VELOCITY-KNOTS
15
TYPE OF FLIGHT PLAN
OTHER
REMARKS- SE CLIMB CPBLTY RDCD BY RISING TRRN,DENS ALT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3192	12/6/79 TIME - 0710	NR.SHOW LOW,AZ	BEECH V35B N1863L DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 50, 1365 TOTAL HOURS, 931 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SHOW LOW
DEPARTURE POINT
PHOENIX,AZ
INTENDED DESTINATION
SHOW LOW,AZ
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3191	10/25/79 TIME - 1939	NR.FORDYCE,AR	BEECH C55 N9466S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 27, 1400 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  HOUSTON, TX
INTENDED DESTINATION
  HOT SPRINGS,AR
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - PHYSICAL IMPAIRMENT
  MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3038	7/26/79 TIME - 2143	MONTEREY,CA	CESSNA 320A N3005R DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 62, 3621 TOTAL HOURS, 2471 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - M ONTEREY PNSLA
DEPARTURE POINT
  FRESNO,CA
INTENDED DESTINATION
  MONTEREY,CA
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
  WEATHER - LOW CEILING
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  290
TYPE OF WEATHER CONDITIONS
  IFR
FIRE AFTER IMPACT

CEILING AT ACCIDENT SITE
  75
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  59
WIND VELOCITY-KNOTS
  8
TYPE OF FLIGHT PLAN
  IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3072	8/26/79 TIME - 2344	SAN MARCOS.CA.	CESSNA 152 N48740 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 266 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PALAMAR
DEPARTURE POINT
SAN MARCOS.CA.
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
WEATHER - LOW CEILING
WEATHER - FOG
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
100
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
63
WIND VELOCITY-KNOTS
CALM
TYPE OF WEATHER CONDITIONS
BELOW MINIMUMS
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- COLLIDED W PWR LINES DRG APCH TO ARPT BELOW WX MIN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3141	8/30/79 TIME - 1930	PALOS VERDES.CA	CESSNA 150 N66134 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 2000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SANTA YNES.CA
INTENDED DESTINATION
UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - WET,SOFT GROUND
TERRAIN - ROUGH/UNEVEN
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
LOW ON FUEL
REMARKS- PLT REPORTEDLY KIDNAPPED HIS SON FM FOSTER HOME.

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FILE    DATE            LOCATION          AIRCRAFT DATA        INJURIES        FLIGHT                          PILOT DATA
                                                                F  S M/N       PURPOSE
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3-3068  9/14/79    LONG BEACH,CA          BELL 47J-2          CR-  1  0  0  COMMERCIAL                  COMMERCIAL, AGE 29, 4200
        TIME - 1210                       N930NR              PX-  4  0  0  NS CTR PASSG                TOTAL HOURS, 350 IN TYPE,
                                          DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          LONG BEACH,CA                   LOCAL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          PROPELLER/ROTOR FAILURE  TAIL ROTOR                          IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          ROTORCRAFT - ROTOR ASSEMBLIES  TAIL ROTOR BLADES
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
        REMARKS- TAIL ROTOR BLADE(PN 47-642-102)FAILED,FATIGUE CRACK ORIGINATED ON INSIDE DIAM OF GRIP SEC.


3-3073  9/16/79    GRASS VALLEY,CA        PIPER PA-28R        CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 30, 249
        TIME - 0930                       N1228T              PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 28 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          NOVOTO,CA                       AUBURN,CA
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLIDED WITH  TREES                                         IN FLIGHT  DESCENDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        REMARKS- PLT STATED-MISTOOK NEVADA CO ARPT(ELEV 3135FT)FOR AUBURN MUNI(ELEV 1523FT).LND OK AFTER COLLISION.


3-3075  9/17/79    AVALON,CA              GRUMMAN G-21A       CR-  0  1  0  COMMERCIAL                  AIRLINE TRANSPORT, AGE
        TIME - 1715                       N22932              PX-  1  0  2  COMMUTER AIR CARRIER        54, 13300 TOTAL HOURS,
                                          DAMAGE-SUBSTANTIAL                AIR TAXI-PASSG S-D          4000 IN TYPE, INSTRUMENT
                                                                                                        RATED.
        NAME OF AIRPORT - PEBBLY BEACH
        DEPARTURE POINT                 INTENDED DESTINATION
          AVALON,CA                       SAN PEDRO,CA
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                  TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          SYSTEMS - FLIGHT CONTROL SYSTEMS  ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        REMARKS- UP ELEVATOR CABLE SEPARATED 3 TO 4FT FWD OF STATION 29.CRASHED DRG WATER TKOF.
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FILE   DATE        LOCATION           AIRCRAFT DATA        INJURIES       FLIGHT                     PILOT DATA
                                                            F  S M/N      PURPOSE

3-3077 9/20/79     CASTAIC,CA         BOEING A75N1         CR-  0  0  1  COMMERCIAL                AIRLINE TRANSPORT, AGE
       TIME - 0855                    N5001V               PX-  0  0  1  MAPPING/PHOTO             40, 17383 TOTAL HOURS,
                                      DAMAGE-SUBSTANTIAL                                           9000 IN TYPE, INSTRUMENT
                                                                                                   RATED.
       NAME OF AIRPORT - AIRPORT MESA
       DEPARTURE POINT              INTENDED DESTINATION
         CASTAIC,CA                   LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
       REMARKS- RGT MAIN GEAR STRUCK HI SPOT ON MESA DRG LOW PASS AFTER RECOVERY FROM LOOP.FILMING MOVIE.


3-3074 9/21/79     HOLLISTER,CA       CESSNA 175           CR-  1  0  0  NONCOMMERCIAL             PRIVATE, AGE 54, 300
       TIME - 0745                    N9466B               PX-  0  0  0  BUSINESS                  TOTAL HOURS, 295 IN TYPE,
                                      DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - HOLLISTER
       DEPARTURE POINT              INTENDED DESTINATION
         HOLLISTER,CA                 SAN CARLOS,CA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED                 IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - SPATIAL DISORIENTATION
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - FOG
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
       WEATHER FORECAST - UNKNOWN/NOT REPORTED

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         OVERCAST                                                  0
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         ZERO                                                      NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
         FOG                                                       55
       WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
         170                                                       3
       TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
         IFR                                                       NONE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3069	10/3/79 TIME - 1955	BURBANK,CA	CESSNA 182 N759GY DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 68, 3633 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BURBANK-GLENDALE
DEPARTURE POINT: SANTA ANA,CA
INTENDED DESTINATION: BURBANK,CA
TYPE OF ACCIDENT: COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION: TAXI OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
REMARKS- ACFT ROLLED BACKWARDS INTO BEECH BONANZA,N878R,WHILE PLT WAS STILL AT CONTROLS AFTER ENG SHUTDWN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3076	10/14/79 TIME - 0930	NR,ONTARIO,CA	PIPER PA-32 N331JB DAMAGE-DESTROYED	CR- 0 1 0 PX- 4 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 2610 TOTAL HOURS, 1470 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: LA VERNE,CA
INTENDED DESTINATION: LAS VEGAS,NV
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION: OVERCAST
CEILING AT ACCIDENT SITE: 4000
VISIBILITY AT ACCIDENT SITE: 1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
TEMPERATURE-F: 65
WIND DIRECTION-DEGREES: 270
WIND VELOCITY-KNOTS: 5
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: NONE
FIRE AFTER IMPACT
REMARKS- MTN TOPS OBSC.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3039	10/20/79 TIME - 2330	NR.LONE PINE,CA.	PIPER PA-28R N32470 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 37, 4070 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
BISHOP,CO.
INTENDED DESTINATION
RIVERSIDE,CA.
TYPE OF ACCIDENT
FIRE OR EXPLOSION IN FLIGHT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
SYSTEMS - ELECTRICAL SYSTEM BATTERIES
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
FACTOR(S)
WEATHER - TURBULENCE IN FLIGHT,CLEAR AIR
MISCELLANEOUS - SMOKE IN COCKPIT
MISCELLANEOUS ACTS,CONDITIONS - FIRE IN CABIN,COCKPIT,BAGGAGE COMPARTMENT
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
SMOKE IN COCKPIT

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
25
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
240
TYPE OF WEATHER CONDITIONS
VFR

REMARKS- TWO BATTERY BOX CAM LOCKS NOT SECURED.SMOKE NOTED AFTER TURBC.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3070	10/31/79 TIME - 1725	NR.HESPERIA.CA	CESSNA T337C N2555S DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 839 TOTAL HOURS, 555 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HESPERIA AIR LODG
DEPARTURE POINT — INTENDED DESTINATION
HESPERIA.CA — TORRANCE.CA

TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — TAKEOFF INITIAL CLIMB
STALL MUSH — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
MISCELLANEOUS ACTS.CONDITIONS - FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL
MISCELLANEOUS ACTS.CONDITIONS - WATER IN FUEL
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
320
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
67
WIND VELOCITY-KNOTS
5
TYPE OF FLIGHT PLAN
NONE

REMARKS- WITNESS RPRT-1 ENG REVVED,SMK FM ACFT DRG TKOF.PROP NOT FEATHERED.O/A APRX 5100FT.H2O/GEL IN FUEL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3193	11/16/79 TIME - 1755	NR.LIVERMORE,CA	CESSNA 182Q N97430 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 36, 465 TOTAL HOURS, 66 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
DESERT ROCK, NV
INTENDED DESTINATION
LIVERMORE,CA
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - OTHER

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
WIND VELOCITY-KNOTS
50
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
RAIN SHOWERS
WIND DIRECTION-DEGREES
45
TYPE OF WEATHER CONDITIONS
IFR
REMARKS- RECEIVED ENROUTE WX RPRT FM LIVERMORE TWR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3194	11/16/79 TIME - 1740	NR.LIVERMORE, CA	PIPER PA-28 N2962C DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 51, 1241 TOTAL HOURS, 508 IN TYPE, INSTRUMENT-RATED.

DEPARTURE POINT
  SAN JOSE, CA.
INTENDED DESTINATION
  RETURN
LAST ENROUTE STOP
  STOCKTON,CA.
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - RAIN
  WEATHER - FOG
WEATHER BRIEFING - OTHER

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
WIND DIRECTION-DEGREES
  45
TYPE OF WEATHER CONDITIONS
  IFR
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  RAIN
TEMPERATURE-F
  45
WIND VELOCITY-KNOTS
  50
TYPE OF FLIGHT PLAN
  NONE
REMARKS- WX BRFING WITH LIVERMOORE TWR ENROUTE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3041	12/23/79 TIME - 1915	MONTEREY,CA	BEECH 65-90 N700S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	ATP,FLIGHT INSTR., AGE 35, 10000 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PENINSULA
DEPARTURE POINT — MONTEREY,CA
INTENDED DESTINATION — FRESNO,CA
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
WEATHER - WIND SHEAR
WEATHER BRIEFING - OTHER

SKY CONDITION — OVERCAST/LOWER SCATTERED
CEILING AT ACCIDENT SITE — 12000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
RELATIVE BEARING OF WIND — HEAD WIND 338-022 DEGREES
WIND DIRECTION-DEGREES — 120
WIND VELOCITY-KNOTS — 15
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WINDS GUSTING TO 40KNOTS.PILOTS ONLY WX BRIEFING CAME FROM ATIS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3040	12/23/79 TIME - 1350	SALINAS,CA.	CESSNA 172 N73138 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 76, 75 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SALINAS MUNI
DEPARTURE POINT — MONTEREY,CA.
INTENDED DESTINATION — SALINAS,CA.
TYPE OF ACCIDENT — NOSE OVER/DOWN
PHASE OF OPERATION — TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA

SKY CONDITION — BROKEN
CEILING AT ACCIDENT SITE — 5500
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 140
WIND VELOCITY-KNOTS — 35
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WHILE TAXING.GUST HIT ACFT & FLIPPED IT OVER.WND GUSTING 40KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3171	3/18/79 TIME - 1604	ASPEN,CO.	AEROSTAR 601B N35FC DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 51, 2500 TOTAL HOURS, 12 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PITKIN CO
DEPARTURE POINT
ASPEN,CO.
INTENDED DESTINATION
AMARILLO,TX
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
MISCELLANEOUS ACTS,CONDITIONS - IMPROPER EMERGENCY PROCEDURES
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
BROKEN
CEILING AT ACCIDENT SITE
3000
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
37
WIND DIRECTION-DEGREES
330
WIND VELOCITY-KNOTS
6
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
IFR
FIRE AFTER IMPACT
REMARKS- PLT RPRTD ENG MALF.CRASH AFTER TURN BACK TWD ARPT.D/A APRX 8600FT.L ENG RPRTD ROUGH BEFORE TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3261	5/11/79 TIME - 0850	CENTER,CO	CESSNA 182 N58645 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 58, 2623 TOTAL HOURS, 28 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LEACH
DEPARTURE POINT
CENTER,CO
INTENDED DESTINATION
YUMA,AZ
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
REMARKS- ICE ON WINGS,TAIL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3285	5/13/79 TIME - 1245	ENGLEWOOD,CO	CESSNA T210M N761WB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 178 TOTAL HOURS, 86 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARAPAHOE AIRPORT
DEPARTURE POINT — INTENDED DESTINATION
SARATOGA,WY — ENGLEWOOD,CO

TYPE OF ACCIDENT — PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — LANDING FINAL APPROACH
STALL — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
POWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - STUCK
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE PRESSURE
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- FUEL PUMP LEFT ON AFTER SWITCHING TANKS,WOULD NOT TURN OFF WHEN THROTTLE RETARDED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3272	6/19/79 TIME - 2145	BRIGHTON,CO	CESSNA T210 N94243 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 52, 394 TOTAL HOURS, 276 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - VAN AIRE SKYPORT
DEPARTURE POINT — INTENDED DESTINATION
BRIGHTON,CO — LOCAL

TYPE OF ACCIDENT — PHASE OF OPERATION
UNDERSHOOT — LANDING FINAL APPROACH
COLLIDED WITH WIRES/POLES — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3275	7/13/79 TIME - 1600	LA JARA,CO	CESSNA 150 N6018G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 38, 23 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAMA FIELD
DEPARTURE POINT
  LA JARA,CO
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  NOSE OVER/DOWN
PHASE OF OPERATION
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING
  WEATHER - HIGH DENSITY ALTITUDE
  WEATHER - HIGH TEMPERATURE

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  290
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  90
WIND VELOCITY-KNOTS
  15
TYPE OF FLIGHT PLAN
  NONE
REMARKS- D/A APPROX 12000FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3276	7/25/79 TIME - 1245	BOULDER,CO	CHAMPION 7EA N2518F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 48, 201 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BOULDER MUNICIPAL
DEPARTURE POINT
  BOULDER,CO
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
  PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
REMARKS- C-182,N92172,SUBSTANTIAL DMG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3273	7/29/79 TIME - 0800	FIRESTONE,CO	BALLON WORK FIRE 7 N40458 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 33 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  FIRESTONE,CO
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
  WEATHER - UNFAVORABLE WIND CONDITIONS
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  20
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  270
TYPE OF WEATHER CONDITIONS
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3279	8/3/79 TIME - 1000	GREELEY,CO	BELL 47G N72487 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	ATP,FLIGHT INSTR., AGE 30, 2457 TOTAL HOURS, 420 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BUD UHRICH STRIP
DEPARTURE POINT
  GREELEY,CO
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH CROP
PHASE OF OPERATION
  IN FLIGHT STARTING SWATH RUN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  TERRAIN - HIGH VEGETATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

SPECIAL DATA
  TOTAL HOURS IN CROP CONTROL - 200
  KIND OF CROP - CORN
  PILOT'S SEAT BELT - FAILED ON IMPACT
  CRASH HELMET - AVAILABLE USED
  CRASH BAR - NOT INSTALLED
  TERRAIN-TYPE - LEVEL,FLAT
  SWATH RUN-HOW FLOWN - WIND CALM
  KIND OF OPERATION - SPRAYING CROPS
  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
  GLOVES - USED
  COCKPIT CRASHPAD - NOT INSTALLED
  TANK/HOPPER-LOCATION - SIDES
  ELEVATION-AREA BEING TREATED-FEET - 4650
REMARKS- SPRAYING CYGON.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3274	8/7/79 TIME - 0530	PUEBLO,CO	PIPER PA-36 N3724E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, 4630 TOTAL HOURS, 4430 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  LA JUNTA,CO
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  HARD LANDING
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3278	8/7/79 TIME - 0810	GUNNISON,CO	GRUMMAN AA-5A N5455L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 149 TOTAL HOURS, 69 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GUNNISON
DEPARTURE POINT
  GUNNISON,CO
INTENDED DESTINATION
  GRAND CANYON,CO
TYPE OF ACCIDENT
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  AIRFRAME - FUSELAGE SEATS
  MISCELLANEOUS ACTS,CONDITIONS - WRONG PART
  MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
FACTOR(S)
  PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
REMARKS- SCREWS HOLDING SEAT WERE AN10-32,PARTS CAT USED NAS221-10.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3246	8/30/79 TIME - 1410	DOVE CREEK,CO	CESSNA 172 N30509 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 136 TOTAL HOURS, 133 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DOVE CREEK
DEPARTURE POINT — INTENDED DESTINATION
DOVE CREEK,CO — LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
FACTOR(S)
WEATHER - HIGH DENSITY ALTITUDE

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
80
TYPE OF FLIGHT PLAN
NONE
REMARKS- D/A APPROX 8300FT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3247	9/9/79 TIME - 0830	MONTE VISTA,CO	CESSNA A188B N47810 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 27, 2298 TOTAL HOURS, 1691 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SAN LUIS VALLEY
DEPARTURE POINT — INTENDED DESTINATION
MONTE VISTA,CO — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF RUN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
AIRFRAME - LANDING GEAR TAILWHEEL ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1650
KIND OF CROP - POTATOES
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
KIND OF OPERATION - DEFOLIATION (LIQUID)
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
GLOVES - USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED
REMARKS- TAIL WHEEL,SCOTT 3425-17,S/N 7702,SHOWED PLAY IN WHEEL BEARINGS.

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FILE    DATE          LOCATION          AIRCRAFT DATA        INJURIES       FLIGHT                        PILOT DATA
                                                              F  S M/N      PURPOSE
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3-3277  9/29/79  NR.EAST FRUITA,CO     SMITH MINI DSA1      CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 40, 69 TOTAL
        TIME - 1645                    N15JH                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     HOURS, 1 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                              INSTRUMENT RATED.
        NAME OF AIRPORT - COLE
        DEPARTURE POINT              INTENDED DESTINATION
         EAST FRUITA,CO                LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- FIRST FLT IN TAIL WHEEL ACFT.


3-3248  11/13/79   GREELEY,CO          CESSNA 185           CR-  0  0  2  INSTRUCTIONAL                COMMERCIAL, FL.INSTR.,
        TIME - 1400                    N4742E               PX-  0  0  0  DUAL                         AGE 22, 1504 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                              199 IN TYPE, INSTRUMENT
                                                                                                       RATED.
        NAME OF AIRPORT - WELD COUNTY
        DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
          LOVELAND,CO                  LOVELAND,CO                   GREELEY,CO
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          HARD LANDING                                               LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
          DUAL STUDENT - IMPROPER LEVEL OFF
          DUAL STUDENT - IMPROPER RECOVERY FROM BOUNCED LANDING


3-3195  11/23/79 NR.ROCKY FORD,CO      WOODY PUSH WAS-2     CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 19, 116
        TIME - 1700                    N8450                PX-  0  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 2 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MELLON FIELD
        DEPARTURE POINT              INTENDED DESTINATION
         ROCKY FORD,CO                 LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL  SPIN                                               LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3286	12/14/79	NR.MONTROSE,CO	CESSNA R172K	CR- 0 0 1	NONCOMMERCIAL	PRIVATE, AGE 42, 1150
	TIME - 1645		N736LR	PX- 0 0 1	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 4 IN TYPE,
			DAMAGE-SUBSTANTIAL			NOT INSTRUMENT RATED.

DEPARTURE POINT
MONTROSE,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
NONE
REMARKS- CROSSING RIDGES AFTER SURVEYING PROPERTY.HIT TREES 10500MSL.AIM COVERS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3015	12/15/79	NR.GUNNISON,CO	CESSNA 182	CR- 0 0 1	INSTRUCTIONAL	STUDENT, AGE 48, 24 TOTAL
	TIME - 1445		N2191G	PX- 0 0 0	SOLO	HOURS, ALL IN TYPE, NOT
			DAMAGE-DESTROYED			INSTRUMENT RATED.

NAME OF AIRPORT - GUNNISON COUNTY
TYPE OF ACCIDENT
UNDERSHOOT
HARD LANDING
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
PILOT IN COMMAND - IMPROPER LEVEL OFF
FIRE AFTER IMPACT
REMARKS- FIRST SOLO LDG.

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FILE    DATE         LOCATION          AIRCRAFT DATA         INJURIES     FLIGHT                                  PILOT DATA
                                                              F  S M/N    PURPOSE
---------------------------------------------------------------------------------------------------------------------------------
3-3143  7/14/79    GRISWOLD,CT        CESSNA 172M        CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
        TIME - 1240                   N73297             PX-  0  0  3  PLEASURE/PERSONAL TRANSP    AGE 59, 570 TOTAL HOURS,
                                      DAMAGE-SUBSTANTIAL                                           113 IN TYPE, INSTRUMENT
        NAME OF AIRPORT - LAKESIDE                                                                 RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          ISLIP,NY                    BOSTON,MA
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  DIRT BANK                                  LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          SYSTEMS - FLIGHT CONTROL SYSTEMS  WING FLAP CONTROL SYSTEM ELECTRICAL
          MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  ADVERSE/UNFAVORABLE WEATHER
        REMARKS- WING FLAP EXTENDER WIRE # 3-CC2 FOUND SEPARATED,CONSISTENT W SEPARATION CAUSED BY WIRE CUTTERS.


3-3027  8/17/79    PLAINVILLE,CT      LUSCOMBE 8E        CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 34, 208
        TIME - 1815                   N2476K             PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 142 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - ROBERTSON
        DEPARTURE POINT             INTENDED DESTINATION
          PLAINVILLE,CT               LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          STALL                                                     LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3142	9/30/79 TIME - 1030	ASHFORD,CT	PIPER PA-23 N1267P DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 250 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ELLINGTON,CT
INTENDED DESTINATION
SOUTHBRIDGE,MA
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - LOW CEILING
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OBSCURATION
CEILING AT ACCIDENT SITE
0
VISIBILITY AT ACCIDENT SITE
ZERO
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
60
WIND DIRECTION-DEGREES
50
WIND VELOCITY-KNOTS
7
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- PAX STATED PLT ATTEMPTING TO RETURN TO AIRPORT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3014	12/13/79 TIME - 0747	NR.BROOMFIELD,CO	DELTA DYKE N990D DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 645 TOTAL HOURS, 111 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - JEFFERSON COUNTY
DEPARTURE POINT
BROOMFIELD,CO
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3159	1/29/79 TIME - 1520	NR.HOMESTEAD,FL	HILLER UH-12E N527HA DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 36, 13657 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PORT-A-PORT
DEPARTURE POINT
HOMESTEAD,FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH BUILDING(S)
PHASE OF OPERATION
TAKEOFF VERTICAL

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- PLT REPORTED CONTROL MALF AFTR LIFT-OFF.NO EVIDENCE OF MECH FAILURE FOUND.

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FILE   DATE           LOCATION            AIRCRAFT DATA       INJURIES     FLIGHT                           PILOT DATA
                                                               F  S M/N    PURPOSE

3-3079 2/25/79  NR.ST PETERSBURG,FL   PIPER PA-23          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 64, 1600
       TIME - 1250                    N5861Y               PX-  1  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, UNK/NR IN
                                      DAMAGE-DESTROYED                                              TYPE, INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         TAMPA,FL                     BIRMINGHAM,AL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED               IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       REMARKS- AUTOPSY SHOWED MODERATELY SEVERE ARTERIOSCLEROSIS FOR PLT.


3-3078 4/12/79    HOWEY IN HILLS,FL   BEECH 56TC           CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 38, 273
       TIME - 1343                    N72571               PX-  1  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 37 IN TYPE,
                                      DAMAGE-DESTROYED                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - HOWEY IN THE HILL
       DEPARTURE POINT              INTENDED DESTINATION
         OPA LOCKA,FL                 HOWEY IN HILLS,FL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         STALL                                                   LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FIRE AFTER IMPACT


3-3081 4/29/79    LAKE WORTH,FL       PIPER PA-30          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 64, 1250
       TIME - 0810                    N8440Y               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, UNK/NR IN
                                      DAMAGE-DESTROYED                                              TYPE, NOT INSTRUMENT
       NAME OF AIRPORT - PALM BEACH COUNTY                                                          RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         LAKE WORTH,FL                FT.PIERCE,FL
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED               TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3131	5/14/79 TIME - 1605	NR.ARCADIA,FL	GLOBE SWIFT GC1B N80894 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 850 TOTAL HOURS, 325 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CARLTON-SIDELL
DEPARTURE POINT: ARCADIA,FL
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT: STALL SPIN
PHASE OF OPERATION: IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
FACTOR(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
REMARKS- ACFT APPROX 15LBS OVER MAX G/W.WT & BAL COMPUTED USING 10/15/66 DATA.SUPERCEDED BY 2/3/76 DATA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3133	7/11/79 TIME - 0839	NR.MILTON,FL	CESSNA 210M N761ZX DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 35, 1300 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: KISSIMEE,FL
INTENDED DESTINATION: PENSACOLA,FL
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION: LANDING INITIAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE
FACTOR(S)
WEATHER - TORNADO
WEATHER - THUNDERSTORM ACTIVITY
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - FOG

SKY CONDITION: OBSCURATION
CEILING AT ACCIDENT SITE: 100
VISIBILITY AT ACCIDENT SITE: 1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE: RAIN, THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: IFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3106	8/27/79 TIME - 1940	NR.MELBOURNE,FL	PIPER PA-24 N5762P DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 54, 409 TOTAL HOURS, 97 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: MELBOURNE,FL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

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FILE    DATE          LOCATION          AIRCRAFT DATA       INJURIES      FLIGHT                      PILOT DATA
                                                              F  S M/N    PURPOSE

3-3132  9/19/79    JACKSONVILLE,FL      HUGHES 369HS       CR-  1  0  0  COMMERCIAL                  COMMERCIAL, AGE 50, 8043
        TIME - 0910                     N8623F             PX-  0  0  0  AIR TAXI-PASSG              TOTAL HOURS, 215 IN TYPE,
                                        DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BERLIN HELIPORT
        DEPARTURE POINT              INTENDED DESTINATION
          ST AUGUSTINE,FL              JACKSONVILLE,FL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED              IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED


3-3196  9/23/79    MIRAMAR,FL           BEECH D18S         CR-  2  0  0  MISCELLANEOUS               AIRLINE TRANSPORT, AGE
        TIME - 1116                     N516PA             PX-  1  0  0  UNKNOWN/NOT REPORTED        36, 10370 TOTAL HOURS,
                                        DAMAGE-DESTROYED                                             UNK/NR IN TYPE, INSTRU-
                                                                                                     MENT RATED.
        NAME OF AIRPORT - NORTH PERRY
        DEPARTURE POINT              INTENDED DESTINATION
          MIRAMAR,FL                   UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED              TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
        FIRE AFTER IMPACT
        REMARKS- ESTIMATED 150LBS OVR MAX GROSS WT & APRX 3 IN AFT OF REAR CG LIMIT.


3-3134  9/30/79  NR.FT.LAUDERDALE,FL    CESSNA 404         CR-  1  0  1  MISCELLANEOUS               AIRLINE TRANSPORT, AGE
        TIME - 1945                     N88696             PX-  0  0  0  OTHER                       33, 1927 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                           UNK/NR IN TYPE, NOT
                                                                                                     INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
         UNKNOWN/NOT REPORTED          UNKNOWN/NOT REPORTED
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLIDED WITH  ELECTRONIC TOWERS                       IN FLIGHT  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        REMARKS- AIRCRAFT WAS HAULING MARAJUANA.PIC NOT APPREHENDED.COCAINE FOUND IN CO-PILOTS BLOOD.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                                PILOT DATA
                                                                F  S M/N      PURPOSE

3-3082  9/30/79  NR.ORLANDO,FL           PIPER PA-28          CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 20, 179
        TIME - 2009                      N6116H               PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 70 IN TYPE,
                                         DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          HOMESTEAD,FL                  DELAND,FL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                   IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FACTOR(S)
          PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
          WEATHER - RAIN

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          BROKEN/LOWER SCATTERED                                      9000
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                        RAIN SHOWERS
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TYPE OF WEATHER CONDITIONS
          NONE                                                        UNKNOWN/NOT REPORTED
        TYPE OF FLIGHT PLAN
          NONE


3-3197  10/20/79 NR.BUNNELL,FL           PITTS S-2A           CR-  1  0  0  NONCOMMERCIAL                  COMMERCIAL, AGE 54, 3100
        TIME - 1041                      N17DG                PX-  0  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 100 IN TYPE,
                                         DAMAGE-DESTROYED                                                  INSTRUMENT RATED.
        NAME OF AIRPORT - FLAGLER CO
        DEPARTURE POINT               INTENDED DESTINATION
          BUNNELL,FL                    ST AUGUSTINE,FL.
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          STALL                                                       TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
        REMARKS- WITNESSES OBSD ALMOST STRAIGHT-UP CLIMB AT END OF RWY.VERT ROLL.WING-OVR.CRASH DRG RECOVERY.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3198	11/29/79 TIME - 1824	NR.MELBOURNE,FL	AMER AVCO AA1-B N8971L DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 33, 7940 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
MELBOURNE,FL
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE·
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - FUEL SYSTEM SELECTOR VALVES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
PILOT IN COMMAND - IMPROPER LEVEL OFF
PARTIAL POWER LOSS - UNKNOWN/NOT REPORTED
COMPLETE POWER LOSS - UNKNOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3080	12/5/79 TIME - 0945	PEMBROKE PINES,FL	PIPER PA-23 N6883Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 48, 1193 TOTAL HOURS, 194 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NORTH PERRY
DEPARTURE POINT
PEMBROKE PINES,FL
INTENDED DESTINATION
ST PETERSBURG,FL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH RESIDENCE(S)
PHASE OF OPERATION
TAKEOFF RUN
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3199	8/10/79 TIME - 1745	WAYNESBORO,GA	CESSNA 188B N48000 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 1557 TOTAL HOURS, 1154 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
WAYNESBORO,GA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1250
KIND OF CROP - BEANS
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 300

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3105	9/16/79 TIME - 2310	NR.FOLKSTON,GA	CESSNA 182P N9197M DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 64, UNK/NR TOTAL HOURS, 587 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DAVIS FIELD
DEPARTURE POINT
LAKE CITY,FL
INTENDED DESTINATION
FOLKSTON,GA
TYPE OF ACCIDENT
UNDERSHOOT
COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
WEATHER - LOW CEILING
WEATHER - RAIN
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
1 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
IFR
CEILING AT ACCIDENT SITE
200
PRECIPITATION AT ACCIDENT SITE
RAIN, THUNDERSTORM
TEMPERATURE-F
77
TYPE OF FLIGHT PLAN
IFR
REMARKS- PLT DEPARTED CENTERVILLE,IA ABOUT 0700CDT 9/16/79,FLEW OVER 10HRS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3100	12/7/79 TIME - 1830	NR.SUBLETT,ID	BEECH V35A N7950R DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  TWIN FALLS,ID
INTENDED DESTINATION
  SALT LAKE CITY,UT
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - RAIN
  WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  BROKEN/LOWER SCATTERED
VISIBILITY AT ACCIDENT SITE
  2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
WIND DIRECTION-DEGREES
  260
TYPE OF WEATHER CONDITIONS
  VFR

CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  RAIN
TEMPERATURE-F
  41
WIND VELOCITY-KNOTS
  10
TYPE OF FLIGHT PLAN
  NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3200	12/9/79 TIME - 0415	NR.IDAHO FALLS,ID	CESSNA 182 N470PP DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 16, 35 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FANNING
DEPARTURE POINT — IDAHO FALLS,ID
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER . UNCONTROLLED
PHASE OF OPERATION — IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
FACTOR(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — OVERCAST/LOWER SCATTERED
CEILING AT ACCIDENT SITE — 800
VISIBILITY AT ACCIDENT SITE — 4 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 31
WIND VELOCITY-KNOTS — CALM
TYPE OF WEATHER CONDITIONS — BELOW MINIMUMS
TYPE OF FLIGHT PLAN — NONE
REMARKS- PLT BLOOD ALCOHOL LEVEL 0.06GM%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3287	12/9/79 TIME - 1435	SANDPOINT,ID	CESSNA 305A N5264G DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 38, 1672 TOTAL HOURS, 0 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SANDPOINT
DEPARTURE POINT — SANDPOINT,ID
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — STALL SPIN
PHASE OF OPERATION — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
WEATHER - UNFAVORABLE WIND CONDITIONS
MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION — UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 235
WIND VELOCITY-KNOTS — 15
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WND GUSTING 25KTS.STALL WARNING SYS INOP.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3173	7/8/79 TIME - 0830	DWIGHT,IL	CESSNA 152 N714ZY DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 21, 43 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DWIGHT
DEPARTURE POINT — DWIGHT,IL
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — OVERSHOOT; COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES      FLIGHT                       PILOT DATA
                                                                  F  S M/N      PURPOSE

3-3172  9/2/79      SANDWICH,IL            CESSNA 182P         CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 52, 933
        TIME - 1715                        N6065F              PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 475 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SANDWICH
        DEPARTURE POINT               INTENDED DESTINATION
          SANDWICH,IL                   LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  OBJECT                                       LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- ACFT CONTACTED SOFT SOIL ON LONG ROLL.


3-3160  9/9/79    NR.MOLINE,IL             PIPER PA-28R        CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 26, 121
        TIME - 1230                        N56373              PX-  0  0  2  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 9 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - QUAD CITY
        DEPARTURE POINT               INTENDED DESTINATION
         MOLINE,IL                      TULSA,OK
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  CROP                                         LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - LUBRICATING SYSTEM  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - WRONG PART
          MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- STANDING CORN. OIL QUICK DRAIN,PN492-172U. MECHANIC INSTALLED BEECH QUICK DRAIN,P/N BJ-1000AH4T.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3289	9/22/79 TIME - 1620	NR.FREEPORT,IL	BLANIK L-13 N99943 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	ATP,FLIGHT INSTR., AGE 40, 6682 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - THE ALBERTUS MUNI
DEPARTURE POINT: FREEPORT,IL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  OVERSHOOT
  GROUND-WATER LOOP-SWERVE
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
FACTOR(S)
  PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
  TERRAIN - ROUGH/UNEVEN
REMARKS- PILOT PULLED FLAP HANDLE INSTEAD OF SPOILER.ACFT SAILED DOWN RWY.SINGLE WHEEL LNDG GR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3249	9/25/79 TIME - 1400	JOLIET,IL	BEECH 35-B33 N8621M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 65, 453 TOTAL HOURS, 323 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - JOLIET MUNI
DEPARTURE POINT: JOLIET,IL
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  WHEELS-UP
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR
FACTOR(S)
  AIRFRAME - LANDING GEAR LANDING GEAR WARNING AND INDICATING COMPONENTS
REMARKS- PLT STATED GEAR WARNING HORN FAILED TO ACTIVATE UPON THROTTLE CLOSURE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3201	9/28/79 TIME - 0045	ELGIN,IL	CESSNA 172 N9347E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 23, 145 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ELGIN
DEPARTURE POINT: ST PAUL,MN
INTENDED DESTINATION: ELGIN,IL
LAST ENROUTE STOP: KANKAKEE,IL
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3202	10/4/79 TIME - 1045	KANKAKEE,IL	PIPER PA-28 N54386 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 31, 30 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GREATER KANKAKEE
DEPARTURE POINT: CHICAGO,IL
INTENDED DESTINATION: KANKAKEE,IL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  COLLIDED WITH PARKED AIRCRAFT
PHASE OF OPERATION
  LANDING ROLL
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE: 2500
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
RELATIVE BEARING OF WIND: LEFT QUARTERING HEAD WIND 293-337 DEGREES
WIND DIRECTION-DEGREES: 180
WIND VELOCITY-KNOTS: 28
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- HIT C-310,N6876T & PA-31,N9061F.BOTH SUBSTANTIAL DMG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3203	10/11/79 TIME - 1830	BROOKPORT,IL	AERONCA 7AC N3504F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 33, 36 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: SYMSONIA,KY
INTENDED DESTINATION: METROPLIS,IL
TYPE OF ACCIDENT
  STALL SPIN
PHASE OF OPERATION
  IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3204	10/12/79 TIME - 1200	NEW LENOX,IL	CESSNA 172N N7330H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 26, 34 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - NEW LENOX-HOWELL
DEPARTURE POINT: CHICAGO,IL
INTENDED DESTINATION: NEW LENOX,IL
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; COLLIDED WITH CROP
PHASE OF OPERATION: LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: CLEAR
CEILING AT ACCIDENT SITE: UNLIMITED
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
RELATIVE BEARING OF WIND: RIGHT QUARTERING HEAD WIND 023-067 DEGREES
WIND DIRECTION-DEGREES: 360
WIND VELOCITY-KNOTS: 10
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3205	10/13/79 TIME - 1330	WHEELING,IL	CESSNA 182J N3596F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 104 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PALWAUKEE
DEPARTURE POINT: ROCKFORD,IL
INTENDED DESTINATION: WHEELING,IL
TYPE OF ACCIDENT: HARD LANDING; GEAR COLLAPSED
PHASE OF OPERATION: LANDING LEVEL OFF/TOUCHDOWN; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3085	10/15/79 TIME - 1645	SPRING VALLEY,IL	CESSNA A150L N5936J DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 22, 44 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: SPRING VALLEY,IL
INTENDED DESTINATION: SPRING VALLEY,IL
TYPE OF ACCIDENT: STALL SPIN
PHASE OF OPERATION: IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
REMARKS- PRACTICING STALLS.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                           PILOT DATA
                                                                F  S M/N    PURPOSE

3-3288  10/21/79   CHICAGO,IL            PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 71, 2262
        TIME - 1538                      N1741T               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 362 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - CHICAGO MIDWAY
        DEPARTURE POINT              INTENDED DESTINATION
          CHICAGO,IL                   CHICAGO,IL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                 TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  ELECTRONIC TOWERS                            LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          AIRFRAME - FUSELAGE  DOORS,DOOR FRAMES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                  DOOR/PANEL OPEN
        REMARKS- COLLIDED WITH LOCALIZER ANTENNA.


3-3206  10/24/79   MAKANDA,IL            BELLANCA 7KCAB       CR-  0  0  1  NONCOMMERCIAL                   PRIVATE, AGE 23, 192
        TIME - 0855                      N4210Y               PX-  0  0  1  PLEASURE/PERSONAL TRANSP        TOTAL HOURS, 5 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                 NOT INSTRUMENT RATED.
        NAME OF AIRPORT - GIANT CITY STATE
        DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
          CARBONDALE,IL                CARBONDALE,IL                 MAKANDA,IL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          OVERSHOOT                                                   LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                        LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY


3-3207  11/12/79   FREEPORT,IL           CESSNA 150L          CR-  0  0  1  NONCOMMERCIAL                   STUDENT, AGE 23, 47 TOTAL
        TIME - 0945                      N10056               PX-  0  0  0  BUSINESS                        HOURS, 11 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                                 INSTRUMENT RATED.
        NAME OF AIRPORT - ALBERTUS
        DEPARTURE POINT              INTENDED DESTINATION
          FREEPORT,IL                  LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  FENCE,FENCEPOSTS                             STATIC  STARTING ENGINE(S)

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT
        REMARKS- HAND PROPPING.
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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                       PILOT DATA
                                                              F  S M/N     PURPOSE
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3-3009 11/22/79 NR.CHARLESTON,IL        AMERICAN AA-1B     CR-  1  0  0  INSTRUCTIONAL          STUDENT, AGE 25, 7 TOTAL
       TIME - 0830                      N6245L             PX-  0  0  0  TRAINING               HOURS, ALL IN TYPE, NOT
                                        DAMAGE-DESTROYED                                        INSTRUMENT RATED.
       NAME OF AIRPORT - COLES COUNTRY MEM
       DEPARTURE POINT              INTENDED DESTINATION
         CHARLESTON,IL                LOCAL
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED              IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
         PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - SPATIAL DISORIENTATION
       FACTOR(S)
         WEATHER - LOW CEILING
         WEATHER - FOG
       WEATHER BRIEFING - UNKNOWN/NOT REPORTED

       SKY CONDITION                                          CEILING AT ACCIDENT SITE
         OVERCAST/LOWER SCATTERED                               400
       VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
         1/2 MILE OR LESS                                       NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                TYPE OF WEATHER CONDITIONS
         NONE                                                   BELOW MINIMUMS
       TYPE OF FLIGHT PLAN
         UNKNOWN/NOT REPORTED


3-3290 12/6/79  NR.CHICAGO,IL           PIPER PA-30        CR-  0  0  1  NONCOMMERCIAL          PRIVATE, AGE 36, 3096
       TIME - 1929                      N7119Y             PX-  0  0  1  BUSINESS               TOTAL HOURS, 1484 IN
                                        DAMAGE-SUBSTANTIAL                                      TYPE, INSTRUMENT RATED.
       NAME OF AIRPORT - O'HARE INTL
       DEPARTURE POINT              INTENDED DESTINATION
        CHICAGO,IL                   LAFAYETTE,IN
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                  TAXI  TO TAKEOFF

       PROBABLE CAUSE(S)
         PERSONNEL - MISCELLANEOUS-PERSONNEL  DRIVER OF VEHICLE
       REMARKS- ACFT WAS STRUCK BY TUG WHILE TAXIING TO ACTIVE,DARK NIGHT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3208	9/7/79 TIME - 1820	NR.VERSAILLES,IN	GRUMMAN G-164A N8571H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 51, 15553 TOTAL HOURS, 1400 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
MDAISON,IN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN
PHASE OF OPERATION
IN FLIGHT EN ROUTE TO TREAT CROP
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE BLOWER,IMPELLER ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1400
KIND OF CROP - CORN
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1000
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
REMARKS- COLLECTOR BEARING,P/N 288943,FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3148	10/1/79 TIME - 1910	SYRACUSE,IN	CESSNA 152 N89179 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 42, 47 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
AUSTIN,MN
INTENDED DESTINATION
NAPPANEE,IN
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE
FACTOR(S)
PERSONNEL - FLIGHT INSTRUCTOR INADEQUATE SUPERVISION OF FLIGHT
PILOT IN COMMAND - BECAME LOST/DISORIENTED
WEATHER - THUNDERSTORM ACTIVITY
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
THUNDERSTORM
TYPE OF WEATHER CONDITIONS
UNKNOWN/NOT REPORTED
REMARKS- IP INDORSED STUDENT'S LOGBOOK FOR CROSS-COUNTRY ON 9/27/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3147	10/1/79 TIME - 1900	NORTH MANCHEST.IN	BELLANCA 17-31 N170EE DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 37, 1500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

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DEPARTURE POINT              INTENDED DESTINATION
  MARION,OH                    NEW GERMANY,MN
TYPE OF ACCIDENT                                         PHASE OF OPERATION
  AIRFRAME FAILURE  IN FLIGHT                              IN FLIGHT  NORMAL CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
  PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE
  AIRFRAME - WINGS  SPARS
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
FACTOR(S)
  WEATHER - THUNDERSTORM ACTIVITY
  WEATHER - TORNADO
  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION                                            CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED                                     UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE                              PRECIPITATION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED                                     THUNDERSTORM
OBSTRUCTIONS TO VISION AT ACCIDENT SITE                  TYPE OF WEATHER CONDITIONS
  UNKNOWN/NOT REPORTED                                     UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
  NONE
REMARKS- PLT GOT EN-ROUTE WX BRFG AFTER ENTERING TORNADO WATCH AREA.FUNNEL CLD RPTD 8 MI FM ACDT SITE.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3146	10/22/79 TIME - 1940	NR.BLOOMINGTON,IN	CESSNA 310 N1320G DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 27, 4679 TOTAL HOURS, 345 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — CENTRALIA,IL
INTENDED DESTINATION — COLUMBUS,IN
TYPE OF ACCIDENT
  TURBULENCE
  COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
  IN FLIGHT DESCENDING
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE
  WEATHER - TORNADO
FACTOR(S)
  WEATHER - THUNDERSTORM ACTIVITY
  WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION — BROKEN
CEILING AT ACCIDENT SITE — 4000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 61
WIND DIRECTION-DEGREES — 270
WIND VELOCITY-KNOTS — 15
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — IFR
REMARKS- WRECKAGE NR TORNADO WATCH AREA.FUNNEL-SHAPE CLOUD RPRTD NR SITE 1945.RECOVERY DATE 10/23/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3029	11/2/79 TIME - 1930	NR.FAIRBANKS,IN	CESSNA 210E N232F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 46, 5282 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — SPRINGFIELD,IL
INTENDED DESTINATION — LOUISVILLE,KY
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  WHEELS-UP
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - EXHAUST SYSTEM BAFFLES
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  MISCELLANEOUS ACTS,CONDITIONS - COLLAPSED
  MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
  MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
FACTOR(S)
  TERRAIN - HIGH VEGETATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- HEAT EXCHANGER BAFFLE,P/N1250200-3,COLLAPSED,BLOCKING EXH PASSAGE OF #2,4,6 CYLS.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                         PILOT DATA
                                                               F  S M/N      PURPOSE

3-3291 11/11/79   NOBLESVILLE,IN       CESSNA 206          CR-  0  1  0  NONCOMMERCIAL               COMMERCIAL, FL.INSTR.,
       TIME - 0953                     N756LA              PX-  0  0  0  PLEASURE/PERSONAL TRANSP    AGE 26, 2530 TOTAL HOURS,
                                       DAMAGE-DESTROYED                                              37 IN TYPE, INSTRUMENT
                                                                                                     RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         WESTFIELD,IN                 ELWOOD,IN
         TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  TREES                                        IN FLIGHT  OTHER

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
         PILOT IN COMMAND - PHYSICAL IMPAIRMENT
         MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
         MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
       REMARKS- OBSVRD WITH ANOTHER ACFT ALTERNATING LEAD.PLT BLOOD ALCOHOL LVL .144%.


3-3174 11/22/79   LAPORTE,IN           PIPER PA-32         CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 55, 2831
       TIME - 0605                     N44503              PX-  0  0  3  BUSINESS                    TOTAL HOURS, 282 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
       NAME OF AIRPORT - LAPORTE MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         DANVILLE,IL                  LAPORTE,IN
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         OVERSHOOT                                                   LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  FENCE,FENCEPOSTS                             LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
         PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
         PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND


3-3129 7/26/79  NR.INDEPENDENCE,IA     CESSNA 150F         CR-  1  0  0  NONCOMMERCIAL               STUDENT, AGE 23, 43 TOTAL
       TIME - 1920                     N6879F              PX-  0  0  0  PLEASURE/PERSONAL TRANSP    HOURS, 33 IN TYPE, NOT
                                       DAMAGE-DESTROYED                                              INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         INDEPENDENCE,IA              LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         STALL                                                       IN FLIGHT  LOW PASS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
       REMARKS- SEARCHING FOR RADIO CONTROLLED MODEL ACFT.
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FILE    DATE           LOCATION             AIRCRAFT DATA         INJURIES       FLIGHT                        PILOT DATA
                                                                   F  S M/N      PURPOSE

3-3130  11/11/79   MELVIN,IA              PIPER PA-28          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 19, 79 TOTAL
        TIME - 1850                       N2181D               PX-  0  0  0  PLEASURE/PERSONAL TRANSP  HOURS, 25 IN TYPE, NOT
                                          DAMAGE-DESTROYED                                              INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
          MARSHALL,MN                      IDA GROVE,IA
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          COLLISION WITH GROUND/WATER. UNCONTROLLED                    IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - FOG
          WEATHER - SNOW
        WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          OVERCAST                                                    1200
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          2 MILES OR LESS                                             NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
          FOG                                                         32
        WIND VELOCITY-KNOTS                                         TYPE OF WEATHER CONDITIONS
          CALM                                                        UNKNOWN/NOT REPORTED
        TYPE OF FLIGHT PLAN
          VFR


3-3052  7/28/79  NR.COLUMBUS,KS           CESSNA 150H          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 48, 1003
        TIME - 0900                       N5131G               PX-  0  0  1  PRACTICE                   TOTAL HOURS, 75 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT                  INTENDED DESTINATION
          CARTHAGE,MO                      COFFEYVILLE,KS
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                IN FLIGHT  NORMAL CRUISE
          GEAR COLLAPSED                                               LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          POWERPLANT - ENGINE CONTROLS  THROTTLE-POWER LEVER ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
          MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- BOLT THAT CONNECTS THROTTLE ARM TO THROTTLE CONTROL FELL OFF IN FLIGHT.
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FILE    DATE          LOCATION           AIRCRAFT DATA        INJURIES     FLIGHT                        PILOT DATA
                                                               F  S M/N    PURPOSE

3-3119  9/20/79    CHANUTE,KS            PIPER PA-28          CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 28, 33 TOTAL
        TIME - 1341                      N6146H               PX-  0  0  0  TRAINING                   HOURS, 15 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                            INSTRUMENT RATED.
        NAME OF AIRPORT - CHANUTE MARTIN JO
        DEPARTURE POINT              INTENDED DESTINATION
          WICHITA,KS                   JOPLIN,MO
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                 LANDING  ROLL
          COLLIDED WITH  AIRPORT HAZARD                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  OTHER
        REMARKS- COLLIDED W/HAY BALE 100' FROM R/W EDGE.


3-3054  10/12/79   LYONS,KS              AIRYPLANE PDQ        CR-  0  0  1  MISCELLANEOUS              PRIVATE, AGE 56, 180
        TIME - 1730                      N1053F               PX-  0  0  0  TEST                       TOTAL HOURS, 0 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LYONS MUNI
        DEPARTURE POINT              INTENDED DESTINATION
          LYONS,KS                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          STALL  MUSH                                              LANDING  TRAFFIC PATTERN-CIRCLING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS- PLT STATED-1ST FLT IN OPEN COCKPIT ACFT.WAS CONFUSED & LACKED ATTITUDE REF OF PREV FLOWN ACFT.


3-3128  11/16/79 NR.OLATHE,KS            PAZMANY PL-2         CR-  1  0  0  NONCOMMERCIAL              STUDENT, AGE 65, 5000
        TIME - 1050                      N72KA                PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 288 IN TYPE,
                                         DAMAGE-MINOR                                                  INSTRUMENT RATED.
        NAME OF AIRPORT - EXECUTIVE
        DEPARTURE POINT              INTENDED DESTINATION
          OLATHE,KS                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLIDED WITH  PARKED AIRCRAFT                           TAXI  FROM LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INCAPACITATION
          MISCELLANEOUS ACTS,CONDITIONS - PILOT SUFFERED HEART ATTACK
        REMARKS- HOMEBUILT MODEL PL-2.MINOR DAMAGE TO PARKED ACFT N2441N,PIPER PA-38.
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FILE    DATE          LOCATION              AIRCRAFT DATA        INJURIES     FLIGHT                               PILOT DATA
                                                                 F  S M/N     PURPOSE

3-3055  12/4/79  NR.GARDEN CITY,KS       HUGHES 269C          CR-  0  0  1  NONCOMMERCIAL         PRIVATE, AGE 69, 2505
        TIME - 1350                      N7481F               PX-  0  0  1  BUSINESS              TOTAL HOURS, 505 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                       INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
         GARDEN CITY,KS                  LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                       TAKEOFF  VERTICAL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                                 CEILING AT ACCIDENT SITE
          CLEAR                                                         UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                          NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TEMPERATURE-F
          NONE                                                          67
        WIND DIRECTION-DEGREES                                        WIND VELOCITY-KNOTS
          225                                                           20
        TYPE OF WEATHER CONDITIONS                                    TYPE OF FLIGHT PLAN
          VFR                                                           NONE
        REMARKS- WND GUSTING 30KTS.


3-3056  12/9/79  NR.DODGE CITY,KS        PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL         PRIVATE, AGE 32, 146
        TIME - 1652                      N5298S               PX-  0  0  1  BUSINESS              TOTAL HOURS, 35 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                       NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          N.LITTLE ROCK,AR               DODGE CITY,KS
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                 IN FLIGHT  NORMAL CRUISE
          HARD LANDING                                                  LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- LNDD IN MILO FLD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3050	12/9/79 TIME - 1545	ONAGA,KS	CESSNA 150G N3165X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 107 TOTAL HOURS, 77 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ONAGA
DEPARTURE POINT: ONAGA,KS
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; GEAR COLLAPSED
PHASE OF OPERATION: IN FLIGHT CLIMB TO CRUISE; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - WET,SOFT GROUND
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3057	12/14/79 TIME - 1100	OSAWATOMIE,KS	PIPER PA-34 N2078N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	MISCELLANEOUS FERRY	PRIVATE, AGE 32, 340 TOTAL HOURS, 42 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OSAWATOMIE-PAOLA
DEPARTURE POINT: OLATHE,KS
INTENDED DESTINATION: DALLAS,TX
LAST ENROUTE STOP: OSAWATOMIE,KS
TYPE OF ACCIDENT: COLLIDED WITH AIRPORT HAZARD
PHASE OF OPERATION: LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - AIRPORT SUPERVISORY PERSONNEL FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK OBSTRUCTION
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIGH VEGETATION
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS HIDDEN HAZARD
REMARKS- TALL GRASS OBSCURED BARRELS USED FOR RWY MARKERS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3051	12/15/79 TIME - 1000	CEDAR VALE,KS	PIPER PA-32 N2162F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	ATP,FLIGHT INSTR., AGE 32, 2620 TOTAL HOURS, 129 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE STRIP
DEPARTURE POINT: CEDAR VALE,KS
INTENDED DESTINATION: OKLAHOMA CITY,OK
TYPE OF ACCIDENT: COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION: TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
MISCELLANEOUS ACTS,CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3053	12/20/79 TIME - 1100	KINGMAN,KS	CESSNA 170B N3050A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 27, 17 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - KINGMAN MUNI
DEPARTURE POINT — KINGMAN,KS
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  GROUND-WATER LOOP-SWERVE
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING GO-AROUND
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3019	10/29/79 TIME - 1315	HARLAN,KY	PIPER PA-23 N62727 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 1995 TOTAL HOURS, 252 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TUCKER-GUTHRIE
DEPARTURE POINT — CHARLESTON,WV
INTENDED DESTINATION — HARLAN,KY
LAST ENROUTE STOP — ROANOKE,VA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  OVERSHOOT
PHASE OF OPERATION
  LANDING TRAFFIC PATTERN-CIRCLING
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  POWERPLANT - FUEL SYSTEM RAM AIR ASSEMBLY
  MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
  MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
  PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
  PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
  TERRAIN - WET,SOFT GROUND
  MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
REMARKS- ALT AIR DOOR LOOSE IN AIRBOX.T/D FAST,FLAPS UP,ON WET GRASS ADJ TO RWY.DROPPED OVR CLIFF WEST END.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3107	4/12/79 TIME - 0735	NR.CAMERON,LA	BELL 206B N59627 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 36, 2654 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — GRAN CHENIER,LA
INTENDED DESTINATION — CAMERON,LA

TYPE OF ACCIDENT / PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — LANDING FINAL APPROACH
COLLISION WITH GROUND/WATER UNCONTROLLED — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- PWR LOSS DRG APCH TO PLATFORM.UN TO STOP DESCENT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3084	9/8/79 TIME - 2038	LAFAYETTE,LA	CESSNA 172N N1944F DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 125 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LAFAYETTE REGNL
DEPARTURE POINT — NEW IBERIA,LA
INTENDED DESTINATION — LAFAYETTE,LA

TYPE OF ACCIDENT / PHASE OF OPERATION
COLLIDED WITH TREES — LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
PILOT IN COMMAND - PSYCHOLOGICAL CONDITION
REMARKS- METHAQUALONE FOUND IN PILOT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3109	12/9/79 TIME - 1530	LAFAYETTE,LA	CESSNA 421B N5970M DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 44, 1413 TOTAL HOURS, 101 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAFAYETTE RGNL
DEPARTURE POINT: LAFAYETTE,LA
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  GEAR COLLAPSED
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
FACTOR(S)
  POWERPLANT - POWERPLANT-INSTRUMENTS FUEL QUANTITY GAUGE
  MISCELLANEOUS ACTS,CONDITIONS - ERRATIC
  MISCELLANEOUS ACTS,CONDITIONS - FAILURE OF TWO OR MORE ENGINES
  TERRAIN - ROUGH/UNEVEN
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- MAIN TANK,FUEL QNTY GAGES INOP.MAIN TANKS EMPTY,AUX TANKS FULL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3108	12/15/79 TIME - 1610	NR.VENICE,LA	CESSNA A185F N1850R DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: VENICE,LA
INTENDED DESTINATION: NEW ORLEANS,LA
TYPE OF ACCIDENT
  COLLIDED WITH ELECTRONIC TOWERS
PHASE OF OPERATION
  IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
FACTOR(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  WEATHER - LOW CEILING
  WEATHER - FOG
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION: OVERCAST
CEILING AT ACCIDENT SITE: 200
VISIBILITY AT ACCIDENT SITE: 1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: FOG
TEMPERATURE-F: 56
WIND DIRECTION-DEGREES: 40
WIND VELOCITY-KNOTS: 7
TYPE OF WEATHER CONDITIONS: IFR
TYPE OF FLIGHT PLAN: NONE
FIRE AFTER IMPACT
REMARKS- FLOAT EQUIPPED ACFT COLLIDED W GUY WIRE OF 270FT TWR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3209	12/18/79 TIME - 1425	HARVEY,LA	CESSNA 180K N2594K DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 52, 18000 TOTAL HOURS. 7000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HARVEY CANAL
DEPARTURE POINT: HARVEY,LA
INTENDED DESTINATION: LOST LAKE,LA
TYPE OF ACCIDENT: COLLIDED WITH OBJECT
PHASE OF OPERATION: TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
- PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
- PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE
- PILOT IN COMMAND - FAILED TO ABORT TAKEOFF

FACTOR(S)
- MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.
- MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
- MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER

REMARKS- FLOAT EQUIPPED ACFT COLLIDED W TUG BOAT DRG TKOF FM CANAL.331LBS OVR MAX GROSS WT.CO FLT PLAN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3024	12/26/79 TIME - 1140	NR.INTRACSTL CY,LA	AEROSPATLE AS-350 N3594B DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 4974 TOTAL HOURS, 102 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - VERMILION 329
DEPARTURE POINT: INTRACSTL CY,LA
INTENDED DESTINATION: HOUMA,LA
TYPE OF ACCIDENT: COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION: TAKEOFF VERTICAL

PROBABLE CAUSE(S)
- PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
- PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.

FACTOR(S)
- MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER

REMARKS- PLT STATED-DID NOT RESET PARTIALLY RETARDED PWR LEVER PRIOR TO TKOF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3008	7/28/79 TIME - 1700	PITTSFIELD,ME	DEHAVILLAND DH82A N8872 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 1870 TOTAL HOURS, 46 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PITTSFIELD
DEPARTURE POINT: PITTSFIELD,ME
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; NOSE OVER/DOWN
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING ROLL

PROBABLE CAUSE(S)
- PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
- PILOT IN COMMAND - MISMANAGEMENT OF FUEL
- MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION

FACTOR(S)
- TERRAIN - ROUGH/UNEVEN

COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3007	8/15/79 TIME - 1450	ALEXANDER,ME	PIPER PA-22 N1437C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 882 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
ALEXANDER,ME
INTENDED DESTINATION
BARRING,ME
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3012	8/20/79 TIME - 1330	NR.OAKLAND,MD	CESSNA 150 N53440 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 57, 6504 TOTAL HOURS, 205 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
OAKLAND,MD
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL MUSH
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT LOW PASS
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
WEATHER - DOWNDRAFT,UPDRAFTS
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON
TERRAIN - HIGH OBSTRUCTIONS

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
8000
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- PLT STATED-LOST 1000FT IN SVR DWNDFT,UNABLE TO TURN BACK OUT OF BOWL SHAPED VALLEY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3011	8/20/79 TIME - 1517	NR.CRESAPTOWN,MD	CESSNA 310K N7060L DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 37, UNK/NR TOTAL HOURS, 173 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  CUMBERLAND,MD
INTENDED DESTINATION
  CHARLESTON,WV
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
  WEATHER - LOW CEILING
  WEATHER - FOG
  TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  BROKEN
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  ZERO
PRECIPITATION AT ACCIDENT SITE
  RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  IFR
FIRE AFTER IMPACT
REMARKS- TKOF IN VFR CONDITIONS.DID NOT ACKNOWLEDGE RECEIPT OF IFR CLEARANCE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3059	8/26/79 TIME - 1445	NEWBURYPORT,MA	CESSNA 172N N73407 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 79 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PLUM ISLAND
DEPARTURE POINT
  NEWBURYPORT,MA
INTENDED DESTINATION
  BEDFORD,MA
TYPE OF ACCIDENT
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF
FACTOR(S)
  TERRAIN - ROUGH/UNEVEN
REMARKS- 2700FT RWY.ACFT NEAR MAX GWT.TEMP 80DEG F.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3210	9/5/79 TIME - 1300	LEE,MA	PIPER PA-25 N6505Z DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 33, 1038 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
MONTAGUE,MA
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL
PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3058	9/26/79 TIME - 1245	MARLBORO,MA	PIPER PA-28 N29010 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 35, 84 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MARLBORO
DEPARTURE POINT
HYANNIS,MA
INTENDED DESTINATION
FITCHBURG,MA
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3212	8/5/79 TIME - 1850	GRAND HAVEN,MI	BREEZY FGC100 N219TC DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1 OT- 2 0 0	MISCELLANEOUS PARAJUMP-SPORT	PRIVATE, AGE 39, 453 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEMORIAL
DEPARTURE POINT
GRAND HAVEN,MI
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - UNICOM
TRAFFIC ADVISORY ISSUED - NONE
CONTROL ZONE/AREA - NO
EVASIVE ACTION TAKEN - NO
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
HORIZONTAL COLLISION ANGLE-DEGREES - 0
REMARKS- LNDD OK.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3212	8/5/79 TIME - 1850	GRAND HAVEN,MI	PIPER J3C-65 N7421H DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0 OT- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 209 TOTAL HOURS, 38 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MEMORIAL
DEPARTURE POINT
GRAND HAVEN,MI
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLISION WITH AIRCRAFT BOTH IN FLIGHT
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED SPEED AND CLEARANCE
FACTOR(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT

SPECIAL DATA
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
CONTROLLING AGENCY - UNICOM
TRAFFIC ADVISORY ISSUED - NONE
CONTROL ZONE/AREA - NO
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
EVASIVE ACTION TAKEN - NO
REMARKS- PHOTOGRAPHING JUMP.ABOVE,TO THE LEFT,& SLIGHTLY AHEAD OF THE BREEZY.OBSERVED ROLLING RIGHT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3001	8/7/79 TIME - 1336	NR.PONTIAC,MI	LOCKHEED 12A N36P DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	AIRLINE TRANSPORT, AGE 46, 6540 TOTAL HOURS, 1846 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - OAKLAND PONTIAC
DEPARTURE POINT
PONTIAC,MI
INTENDED DESTINATION
WEST BRANCH,MI
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- PLT RQSTD L TURNS BACK TO RWY.CRASHED INTO CULVERT STORAGE AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3264	8/24/79 TIME - 1009	KINROSS,MI	BEECH 95-B55 N4422W DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 725 TOTAL HOURS, 337 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CHIPPEWA COUNTY
DEPARTURE POINT — KINROSS,MI
INTENDED DESTINATION — INDIANAPOLIS,IN
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — OBSCURATION
CEILING AT ACCIDENT SITE — 200
VISIBILITY AT ACCIDENT SITE — 3/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 66
WIND DIRECTION-DEGREES — 240
WIND VELOCITY-KNOTS — 9
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — IFR
REMARKS- RADAR CONTACT LOST DRG TKOF AFTER PLT SQUAWKED IDENT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3213	8/30/79 TIME - 1348	MUSKEGON,MI	CESSNA 150 N68339 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 31, 19 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MUSKEGON CO
DEPARTURE POINT — LAMBERTVILLE,OH
INTENDED DESTINATION — MUSKEGON,MI
TYPE OF ACCIDENT — GROUND-WATER LOOP-SWERVE; NOSE OVER/DOWN
PHASE OF OPERATION — LANDING ROLL; LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND

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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES      FLIGHT                         PILOT DATA
                                                               F  S M/N     PURPOSE
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3-3177  10/2/79     BENTON HARBOR,MI     CESSNA 310G         CR-  0  0  1  NONCOMMERCIAL             AIRLINE TRANSPORT, AGE
        TIME - 0807                      N20PC               PX-  0  0  1  CORP/EXEC                 56, 11039 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                          5887 IN TYPE, INSTRUMENT
                                                                                                     RATED.
        NAME OF AIRPORT - ROSS FIELD
        DEPARTURE POINT              INTENDED DESTINATION
          CINCINNATI,OH                BENTON HARBOR,MI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  ELECTRONIC TOWERS                          LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  WET RUNWAY
          MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY


3-3214  10/20/79   MANISTEE,MI           PIPER PA-32R        CR-  0  0  1  NONCOMMERCIAL             PRIVATE, AGE 48, 212
        TIME - 1120                      N39591              PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 87 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - MANISTEE CO
        DEPARTURE POINT              INTENDED DESTINATION
          RICHMOND,IN                  MANISTEE,MI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          UNKNOWN/NOT REPORTED                                      5000
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   WIND DIRECTION-DEGREES
          NONE                                                      225
        WIND VELOCITY-KNOTS                                       TYPE OF WEATHER CONDITIONS
          30                                                        VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- WIND GUSTING TO 40KTS.
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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                              F  S M/N     PURPOSE

3-3215 10/21/79  LONG RAPIDS,MI        PIPER PA-12          CR-  0  1  0  NONCOMMERCIAL               PRIVATE, AGE 44, 486
       TIME - 1700                     N98967               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 453 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         LONG RAPIDS,MI                LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         STALL  MUSH                                                 TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-3145 10/29/79   PLAINWELL,MI         PIPER PA-22          CR-  0  1  0  NONCOMMERCIAL               STUDENT, AGE 16, 24 TOTAL
       TIME - 1625                     N53457               PX-  0  0  0  PRACTICE                    HOURS, 19 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL   OT-  1  0  0                              INSTRUMENT RATED.
       NAME OF AIRPORT - OTSEGO-PLAINWELL
       DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
         PLAINWELL,MI                  RETURN                        KALAMAZOO,MI
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
         PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT

       SPECIAL DATA
         SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
         CONTROLLING AGENCY - UNICOM                                 RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
         TRAFFIC ADVISORY ISSUED - NONE                              CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
         CONTROL ZONE/AREA - NO                                      CONVERGENCE ANGLE-DEGREES -  0
       REMARKS- HI WING ACFT.


3-3145 10/29/79   PLAINWELL,MI         PIPER PA-28          CR-  1  0  0  INSTRUCTIONAL               STUDENT, AGE 43, 27 TOTAL
       TIME - 1625                     N4437J               PX-  0  0  0  SOLO                        HOURS, 3 IN TYPE, NOT
                                       DAMAGE-DESTROYED     OT-  0  1  0                              INSTRUMENT RATED.
       NAME OF AIRPORT - OTSEGO-PLAINWELL
       DEPARTURE POINT               INTENDED DESTINATION
         PLAINWELL,MI                  LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                     LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT
         PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT

       SPECIAL DATA
         SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
         CONTROLLING AGENCY - UNICOM                                 RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
         TRAFFIC ADVISORY ISSUED - NONE                              CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
         CONTROL ZONE/AREA - NO                                      CONVERGENCE ANGLE-DEGREES -  0
       REMARKS- LOW WING ACFT.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES         FLIGHT                         PILOT DATA
                                                                F  S M/N        PURPOSE

3-3216  11/2/79     NAPOLEON,MI          CESSNA 150M          CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 20, 28 TOTAL
        TIME - 1700                      N6100K               PX-  0  0  0  SOLO                        HOURS, 4 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          NAPOLEON,MI                    LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            IN FLIGHT  NORMAL CRUISE
          GEAR COLLAPSED                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
          POWERPLANT - LUBRICATING SYSTEM  LINES,HOSES,FITTING
          MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
          MISCELLANEOUS ACTS,CONDITIONS - OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM
          TERRAIN - WET,SOFT GROUND
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-3176  11/6/79     JACKSON,MI           CESSNA 152           CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 20, 40 TOTAL
        TIME - 1132                      N68246               PX-  0  0  0  SOLO                        HOURS, 8 IN TYPE, NOT
                                         DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
        NAME OF AIRPORT - JACKSON-REYNOLDS
        DEPARTURE POINT                INTENDED DESTINATION
          JACKSON,MI                     LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                           LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          PERSONNEL - FLIGHT INSTRUCTOR  INADEQUATE TRAINING OF STUDENT
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        REMARKS- DURING FIRST SOLO FLT IP DID NOT START RIDE DUAL AS PER STANDARD SCHOOL PROCEDURE.


3-3217  11/25/79    MARNE,MI             SPEZIO CR-2          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 37, 201
        TIME - 1545                      N18822               PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 34 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BOESSENKOOL
        DEPARTURE POINT                INTENDED DESTINATION
          GRAND HAVEN,MI                 LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          OVERSHOOT                                                LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  TREES                                     LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3181	12/5/79 TIME - 1052	DETROIT,MI	CESSNA 172F N8633U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 93 TOTAL HOURS, 19 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DETROIT CITY
DEPARTURE POINT
COLUMBUS,OH
INTENDED DESTINATION
DETROIT,MI
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
TAXI FROM LANDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
24
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
20000
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
210
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- WIND GUSTS TO 31KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3180	12/15/79 TIME - 1650	MARION,MI	GRUMMAN AA-1C N39008 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 58 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SAGINAW,MI
INTENDED DESTINATION
TRAVERSE CITY,MI
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - WET,SOFT GROUND
TERRAIN - ROUGH/UNEVEN
WEATHER - TURBULENCE IN FLIGHT,CLEAR AIR
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
35
TYPE OF FLIGHT PLAN
VFR
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
285
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3179	12/24/79 TIME - 1200	ITHACA,MI	PIPER PA-20 N2807Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 233 TOTAL HOURS, 188 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ALMA
DEPARTURE POINT: ITHACA,MI
INTENDED DESTINATION: ALMA,MI
TYPE OF ACCIDENT: GROUND-WATER LOOP-SWERVE; NOSE OVER/DOWN
PHASE OF OPERATION: TAKEOFF RUN; TAKEOFF RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION: SCATTERED
CEILING AT ACCIDENT SITE: 500
VISIBILITY AT ACCIDENT SITE: 1/2 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE: SNOW GRAINS/SNOW PELLETS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: UNKNOWN/NOT REPORTED
TEMPERATURE-F: 40
WIND DIRECTION-DEGREES: 30
WIND VELOCITY-KNOTS: 15
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE
REMARKS- AFTER LEAVING ROAD ACFT NOSED OVER IN SOFT GROUND.WIND GUSTS TO 20KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3178	12/26/79 TIME - 1105	HESPERIA,MI	CESSNA 150H N6746S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 22, 50 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: WHITE CLOUD,MI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; COLLIDED WITH TREES
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION: OVERCAST/LOWER SCATTERED
CEILING AT ACCIDENT SITE: 2500
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TEMPERATURE-F: 38
WIND VELOCITY-KNOTS: CALM
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3144	12/30/79 TIME - 2020	ROYAL OAK,MI	PIPER PA-28 N4512P DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 18, 250 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OAKLAND-TROY
DEPARTURE POINT
PONTIAC,MI
INTENDED DESTINATION
ROYAL OAK,MI
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - FOG
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
OBSCURATION
VISIBILITY AT ACCIDENT SITE
1/4 MILE OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
NONE
TYPE OF WEATHER CONDITIONS
BELOW MINIMUMS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3127	7/4/79 TIME - 1700	EVELETH,MN	AERONCA 7AC N84906 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 30, UNK/NR TOTAL HOURS, 1098 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
EVELETH,MN
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
STALL SPIN
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
REMARKS- FLOAT EQUIPPED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3162	7/13/79 TIME - 0430	LE SUEUR,MN	CESSNA 177 N3162T DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 2 0	COMMERCIAL CTR PASSG-D	COMMERCIAL, FL.INSTR., AGE 55, 7900 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - LE SUEUR MUNI
DEPARTURE POINT — LE SUEUR,MN
INTENDED DESTINATION — LEXINGTON,NE
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
FACTOR(S)
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - HIGH OBSTRUCTIONS

SKY CONDITION — UNKNOWN/NOT REPORTED
CEILING AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 70
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
FIRE AFTER IMPACT
REMARKS- COML OPN,NO AIR TAXI CERT.RWY GRADIENT-1.5% UPSLOPE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3218	8/11/79 TIME - 1100	AUSTIN,MN	BOEING A75 N62559 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 35, 2148 TOTAL HOURS, 1077 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — AUSTIN,MN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH WIRES/POLES
PHASE OF OPERATION — IN FLIGHT PULLUP FROM SWATH RUN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED CLEARANCE

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - 1070
KIND OF CROP - BEANS
PILOT'S SEAT BELT - FASTENED-PROPERLY
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - FORWARD OF PILOT
ELEVATION-AREA BEING TREATED-FEET - 1235
PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN
KIND OF OPERATION - SPRAYING CROPS
TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
TERRAIN-TYPE - LEVEL,FLAT
SWATH RUN-HOW FLOWN - CROSSWIND
REMARKS- COLLIDED W PWR LINES.

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FILE    DATE          LOCATION          AIRCRAFT DATA         INJURIES    FLIGHT                          PILOT DATA
                                                               F  S M/N   PURPOSE

3-3063  8/11/79    WINSTED,MN         CESSNA T182RG        CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 47, 262
        TIME - 1430                   N737PS               PX-  0  0  1  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 141 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WINSTED MUNI
        DEPARTURE POINT             INTENDED DESTINATION
          ALLIANCE,NE                 WINSTED,MN
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                         LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-3126  9/16/79    INTL FALLS,MN      CESSNA 172XP         CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 48, 256
        TIME - 1435                   N7360H               PX-  1  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 79 IN TYPE,
                                      DAMAGE-DESTROYED                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BOHMAN SEAPLANE
        DEPARTURE POINT             INTENDED DESTINATION       LAST ENROUTE STOP
          EVELETH,MN                  RETURN                     INTL FALLS,MN
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          STALL                                                  TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  ROUGH WATER
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                          CEILING AT ACCIDENT SITE
          CLEAR                                                  UNLIMITED
        VISIBILITY AT ACCIDENT SITE                            PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                   NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                WIND DIRECTION-DEGREES
          NONE                                                   190
        WIND VELOCITY-KNOTS                                    TYPE OF WEATHER CONDITIONS
          16                                                     VFR
        TYPE OF FLIGHT PLAN
          NONE
        REMARKS- WND GUSTS 25 KTS.CRASHED IN YARD IN RES AREA.FLOAT EQUIPPED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3066	10/28/79 TIME - 1515	TAOPI,MN	CESSNA 182 N1824A DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 159 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT — TAOPI,MN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH DITCHES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3062	10/28/79 TIME - 1610	ALEXANDRIA,MN	AERONCA 7AC N85121 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 194 TOTAL HOURS, 128 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT — ALEXANDRIA,MN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  UNDERSHOOT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  LANDING FINAL APPROACH
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
REMARKS- COLLIDED W PWR LINES.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3065	11/20/79 TIME - 1600	MIDDLE RIVER,MN	PIPER PA-22 N50357 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	PRIVATE, AGE 43, 130 TOTAL HOURS, 92 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HONKER FLATS
DEPARTURE POINT — THIEF RIVER,MN
INTENDED DESTINATION — MIDDLE RIVER,MN
TYPE OF ACCIDENT
  NOSE OVER/DOWN
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY
REMARKS- ATTEMPTED LNDG ON RWY COVERED W 4 IN OF HARD SNOW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3089	11/24/79 TIME - 1015	NR.MINNEAPOLIS,MN	CESSNA 152 N54618 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 102 TOTAL HOURS, 97 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CRYSTAL
DEPARTURE POINT — MINNEAPOLIS,MN
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT / PHASE OF OPERATION
ENGINE FAILURE OR MALFUNCTION — IN FLIGHT CLIMB TO CRUISE
GEAR COLLAPSED — LANDING ROLL

PROBABLE CAUSE(S)
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
MISCELLANEOUS ACTS,CONDITIONS - ICE-IN FUEL
TERRAIN - SNOW-COVERED
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- ICE CRYSTALS FOUND IN FUEL STRAINER,BOTH FUEL TANKS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3060	11/25/79 TIME - 1640	ST JAMES,MN	BELLANCA 7ECA N41689 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 404 TOTAL HOURS, 194 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ST JAMES MUNI
DEPARTURE POINT — LE SUEUR,MN
INTENDED DESTINATION — ST JAMES,MN
TYPE OF ACCIDENT / PHASE OF OPERATION
COLLIDED WITH SNOWBANK — LANDING ROLL
NOSE OVER/DOWN — LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY
REMARKS- CENTER 20' OF 75' RWY PLOWED. DEEP SNOW IN BOTH SIDES OF CLEARED AREA.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3061	12/6/79 TIME - 1030	SACRED HEART,MN	AERONCA 11AC N86113 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 242 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - FARM STRIP
DEPARTURE POINT — SACRED HEART,MN
INTENDED DESTINATION — SWIFT FALLS,MN
TYPE OF ACCIDENT / PHASE OF OPERATION
STALL — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
REMARKS- FROST ON WINGS NOT REMOVED PRIOR TO FLT.

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FILE   DATE        LOCATION           AIRCRAFT DATA       INJURIES      FLIGHT                                PILOT DATA
                                                           F  S M/N     PURPOSE

3-3211 6/5/79   NR.REDLICK.MS        PIPER PA-22         CR-  1  0  0  NONCOMMERCIAL              AIRLINE TRANSPORT, AGE
       TIME - 1207                   N9560D              PX-  2  1  0  PLEASURE/PERSONAL TRANSP   37, 8815 TOTAL HOURS, 160
                                     DAMAGE-DESTROYED                                             IN TYPE, INSTRUMENT
                                                                                                  RATED.
       NAME OF AIRPORT - NESLER'S RANCH
       DEPARTURE POINT              INTENDED DESTINATION
        REDLICK.MS                   GERMANTOWN.TN
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  TREES                                      TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (OWNER PERSONNEL)
       FIRE AFTER IMPACT
       REMARKS- ACFT BURNED 1QT OIL DURING 15MIN FLT.ENG OIL SUMP HAD CONSIDERABLE AMT OF SLUDGE IN IT.


3-3086 9/29/79  NR.VICKSBURG.MS      CESSNA 120          CR-  2  0  0  INSTRUCTIONAL              COMMERCIAL, AGE 54, 1484
       TIME - 1234                   N72504              PX-  0  0  0  DUAL                       TOTAL HOURS, 2 IN TYPE,
                                     DAMAGE-DESTROYED                                             INSTRUMENT RATED.
       NAME OF AIRPORT - HINDS CO SAFETY
       DEPARTURE POINT              INTENDED DESTINATION
        VICKSBURG.MS                 LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                               TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         AIRFRAME - WINGS  WING ATTACHMENT FITTINGS,BOLTS
         MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
       REMARKS- PIC HAD ATHEROSCLEROTIC SEVERE HEART DISEASE AND WAS UNDER MEDICATION FOR HIGH BLOOD PRESSURE.


3-3124 7/20/79     VERSAILLES.MO     AMER AVCO AA-1A     CR-  0  1  0  NONCOMMERCIAL              STUDENT, AGE 32, 114
       TIME - 1200                   N9355L              PX-  1  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 15 IN TYPE,
                                     DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - OTTEN MEMORIAL
       DEPARTURE POINT              INTENDED DESTINATION         LAST ENROUTE STOP
         BRANSON.MO                  DES MOINES.IA                 GRAVOIS MILLS.MO
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         STALL                                                     LANDING  TRAFFIC PATTERN-CIRCLING

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3125	7/25/79 TIME - 2110	FT WOOD,MO	BEECH E18S N3785B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 5	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 26, 2305 TOTAL HOURS, 490 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - FORNEY AAF
DEPARTURE POINT — KAISER,MO
INTENDED DESTINATION — FT WOOD,MO
TYPE OF ACCIDENT — WHEELS-UP
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY
MISCELLANEOUS ACTS,CONDITIONS - ELONGATED
MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
SUSPECTED OR KNOWN AIRCRAFT DAMAGE
REMARKS- TURF. MLG RETRACT MECHANISM. P/NBC4-188500-4 BROKEN,4 TAPER PINS LOOSE.INSP ITEM NOT SIGNED OFF.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3122	7/26/79 TIME - 1110	ST.LOUIS,MO	CESSNA 401 N8299F DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 51, 11400 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAMBERT FIELD
DEPARTURE POINT — ST.LOUIS,MO
INTENDED DESTINATION — BELTON,MO
TYPE OF ACCIDENT — AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
AIRFRAME - WINGS RIBS,STRINGER,CAP STRIPS
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- WING RIB, P/N 0822175-65 FRACTURED.TWO SL'S,ME-71-2 & ME-76-2,NOT COMPLIED WITH.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3123	8/12/79 TIME - 1730	NR.CLINTON,MO	BALLOON WKS F'FLY7 N2076F DAMAGE-NONE	CR- 0 0 1 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 38, 90 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — CLINTON,MO
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — HARD LANDING
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
REMARKS- PASSENGER IMPROPERLY POSITIONED FOR LNDG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3120	9/13/79 TIME - 0845	MOUNTAIN VIEW,MO	PIPER PA-28 N5518V DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 98 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - MOUNTAIN VIEW MUN
DEPARTURE POINT
MOUNTAIN VIEW,MO
INTENDED DESTINATION
HOUSTON,MO
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILTIY LEVEL
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT
WEATHER - OBSTRUCTIONS TO VISION
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
WIND VELOCITY-KNOTS
10
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
300
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- PIC ACCUMULATED 66HRS OUT OF TOTAL 98HRS FLT TIME BETWEEN 1959 & 1978.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3121	9/22/79 TIME - 1450	FREEMAN,MO	CESSNA 177 N3261T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 761 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
WALDRON,AR
INTENDED DESTINATION
KANSAS CITY,KS
LAST ENROUTE STOP
FORT SMITH,AR
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
POWERPLANT - FUEL SYSTEM VENTS,DRAINS,TANK CAPS
MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- L FUEL TANK VENT LINE OBSTRUCTED BY DIRT DAUBER NEST,R TANK FOUND DRY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3044	11/25/79 TIME - 1515	VALLES MINES,MO	YOUNG-OWENS CASSUT N67Y DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 44, 2460 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  MYERS PARK,MO
INTENDED DESTINATION
  SPARTA,IL
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT *ERROR-INVALID CODE*

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  WEATHER - RAIN
  WEATHER - FOG
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  IFR
CEILING AT ACCIDENT SITE
  1500
PRECIPITATION AT ACCIDENT SITE
  RAIN
TEMPERATURE-F
  40
TYPE OF FLIGHT PLAN
  NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3043	11/27/79 TIME - 1715	NR.LINCOLN,MO	PIPER PA-18 N82076 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 45, 5869 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  LEE'S SUMMIT,MO
INTENDED DESTINATION
  IVY BEND,MO
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3042	11/28/79 TIME - 1330	SALISBURY,MO	PIPER PA-25 N4546Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 29, 2652 TOTAL HOURS, 900 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SALISBURY MUNI
DEPARTURE POINT: SALISBURY,MO
INTENDED DESTINATION: MOBERLY,MO
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  STALL MUSH
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- PLT STATED-ENG LOST PWR DRG STEEP CLIMB W LOW FUEL LVL.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3046	12/2/79 TIME - 1200	ST. LOUIS,MO	ENSTROM F-28A N4896 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 34, 1840 TOTAL HOURS, 211 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ARROWHEAD
DEPARTURE POINT: ST. LOUIS,MO
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
  HARD LANDING
PHASE OF OPERATION
  LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
REMARKS- PLT STATED-DEMONSTRATING AUTOROTATION.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-3045  12/9/79   BALLWIN,MD           ADAMS,MD A55          CR-  0  1  0  NONCOMMERCIAL              COMMERCIAL, AGE 30, 670
        TIME - 0930                    N1060N                PX-  0  1  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 20 IN TYPE,
                                       DAMAGE-MINOR                                                   NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          BALLWIN,MD                   LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PASSENGER
          MISCELLANEOUS ACTS,CONDITIONS - INSTRUCTIONS-MISINTERPRETED
        FACTOR(S)
          WEATHER - UNFAVORABLE WIND CONDITIONS

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          CLEAR                                                     UNLIMITED
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                      NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          NONE                                                      32
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          220                                                       14
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          VFR                                                       NONE
        REMARKS- PLT ASSIGNED PAX TO RELEASE DEFLATION ROPE DRG DIFFICULT  SPOT LNDG.PAX RELEASED ROPE PREMATURELY.


3-3037  12/1/79  NR.MALTA,MT           CESSNA 140            CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 31, 130
        TIME - 1615                    N2197N                PX-  0  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 84 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
        NAME OF AIRPORT - RANCH STRIP
        DEPARTURE POINT              INTENDED DESTINATION
        MALTA,MT                       LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE    DATE           LOCATION          AIRCRAFT DATA        INJURIES     FLIGHT                     PILOT DATA
                                                               F  S M/N    PURPOSE

3-3293  12/19/79 NR.CHESTER,MT           PIPER PA-32R         CR-  0  1  0  NONCOMMERCIAL          PRIVATE, AGE 36, 580
        TIME - 1200                      N2168D               PX-  0  1  2  BUSINESS               TOTAL HOURS, 419 IN TYPE,
                                           DAMAGE-DESTROYED                                        INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          CHESTER,MT                     RUDYARD,MT
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  FENCE,FENCEPOSTS                           TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        REMARKS- ATTMPTD TKOF FROM FLD OF MINIMUM LENGTH AT NEAR MAX GROSS WT.


3-3036  12/20/79   LAUREL,MT             PIPER PA-22          CR-  0  0  1  NONCOMMERCIAL          PRIVATE, AGE 27, 132
        TIME - 0900                      N7403D               PX-  0  0  0  PRACTICE               TOTAL HOURS, 20 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                      NOT INSTRUMENT RATED.
        NAME OF AIRPORT - LAUREL
        DEPARTURE POINT                INTENDED DESTINATION
          LAUREL,MT                      LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          NOSE OVER/DOWN                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
          AIRFRAME - LANDING GEAR  BRAKING SYSTEM (NORMAL SYSTEM)
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE
        REMARKS- PARKING BRAKE ASSY LOOSE. ALLOWED WHEELS TO LOCK DUE TO VIBRATION.CONV LNDG GEAR IAW STC SA4KRM.


3-3294  12/21/79 NR.GLENDIVE,MT          CESSNA 210M          CR-  0  0  1  NONCOMMERCIAL          PRIVATE, AGE 37, 1945
        TIME - 0110                      N8197M               PX-  0  0  1  BUSINESS               TOTAL HOURS, 23 IN TYPE,
                                           DAMAGE-SUBSTANTIAL                                      NOT INSTRUMENT RATED.
        DEPARTURE POINT                INTENDED DESTINATION
          MILES CITY,MT                  SIDNEY,MT
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          WHEELS-UP                                                 LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
          MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- LND ON KNOLL AT NITE.
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FILE    DATE         LOCATION          AIRCRAFT DATA        INJURIES    FLIGHT                         PILOT DATA
                                                            F  S M/N    PURPOSE

3-3292  12/29/79   NASHUA,MT           SCORPION 133         CR-  1  0  0  INSTRUCTIONAL            STUDENT, AGE 31, 18 TOTAL
        TIME - 1540                    NONE                 PX-  0  0  0  TRAINING                 HOURS, ALL IN TYPE, NOT
                                       DAMAGE-DESTROYED                                            INSTRUMENT RATED.
        NAME OF AIRPORT - NASHUA
        DEPARTURE POINT              INTENDED DESTINATION
          NASHUA,MT                    LOCAL
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED              IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
        FIRE AFTER IMPACT
        REMARKS- UNCERTIFICATED ACFT.


3-3035  12/9/79    HARRISON,NE         CESSNA 172           CR-  0  0  1  NONCOMMERCIAL            PRIVATE, AGE 36, 204
        TIME - 1745                    N3799R               PX-  0  0  1  BUSINESS                 TOTAL HOURS, 159 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
        NAME OF AIRPORT - HARRISON SKYRANCH
        DEPARTURE POINT              INTENDED DESTINATION
          OSHKOSH,NE                   HARRISON,NE
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          COLLIDED WITH  SNOWBANK                                LANDING  ROLL
          NOSE OVER/DOWN                                         LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  ICE/SLUSH ON RUNWAY
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  SNOW ON RUNWAY
        REMARKS- PLT STATED-SNOW DRIFT EXTENDED FROM EDGE OF RWY,UNABLE TO STEER ARND BEFORE COLLIDING W DRIFT.


3-3067  10/7/79    NR.SCHURZ,NV        CESSNA 170B          CR-  2  0  0  NONCOMMERCIAL            PRIVATE, AGE 49, 326
        TIME - 1115                    N8321A               PX-  0  0  0  PLEASURE/PERSONAL TRANSP TOTAL HOURS, 145 IN TYPE,
                                       DAMAGE-DESTROYED                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          HAWTHORNE,NV                 FALLON,NV
        TYPE OF ACCIDENT                                       PHASE OF OPERATION
          STALL  SPIN                                            IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES    FLIGHT                                PILOT DATA
                                                             F  S M/N   PURPOSE

3-3064 11/11/79  LAS VEGAS,NV          CESSNA 150           CR- 0 0 1  NONCOMMERCIAL                    STUDENT, AGE 38, 60 TOTAL
       TIME - 1415                     N3352V               PX- 0 0 0  CORP/EXEC                        HOURS, ALL IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                               INSTRUMENT RATED.
       NAME OF AIRPORT - N LAS VEGAS
       DEPARTURE POINT               INTENDED DESTINATION
         PRESCOTT,AZ                   LAS VEGAS,NV
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  LANDING  GO-AROUND
         COLLIDED WITH  DIRT BANK                                  LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL


3-3010 11/22/79 NR.HENDERSON,NC        PIPER PA-24          CR- 0 0 1  NONCOMMERCIAL                    PRIVATE, AGE 38, 730
       TIME - 1130                     N8462P               PX- 0 0 1  PLEASURE/PERSONAL TRANSP         TOTAL HOURS, 53 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                               NOT INSTRUMENT RATED.
       NAME OF AIRPORT - HENDERSON SKY HBR
       DEPARTURE POINT               INTENDED DESTINATION        LAST ENROUTE STOP
         LONG BEACH,CA                 LAS VEGAS,NV                BULLHEAD CITY,NV
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         WHEELS-UP                                                 LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
         MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND


3-3028 7/10/79     NORTH CONWAY,NH     WACO UPF-7           CR- 0 0 1  NONCOMMERCIAL                    ATP,FLIGHT INSTR., AGE
       TIME - 1312                     N32127               PX- 0 0 2  PLEASURE/PERSONAL TRANSP         62, 17000 TOTAL HOURS,
                                       DAMAGE-SUBSTANTIAL                                               1000 IN TYPE, INSTRUMENT
                                                                                                        RATED.
       DEPARTURE POINT               INTENDED DESTINATION
         NORTH CONWAY,NH               LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - ENGINE STRUCTURE  OTHER
         MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING
         TERRAIN - ROUGH/UNEVEN
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- REAR MAIN BEARING BALL RETAINERS CAME LOOSE, LODGED IN ACCESSORY GEAR SECTN, JUMPED VALVE TIMING.
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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES      FLIGHT                              PILOT DATA
                                                                 F  S M/N     PURPOSE

3-3170  9/11/79    MERRIMACK,NH         BELL 206B             CR-  0  0  1  NONCOMMERCIAL                 AIRLINE TRANSPORT, AGE
        TIME - 1201                      N90022                PX-  0  0  4  BUSINESS                      33, 4315 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                                2461 IN TYPE, INSTRUMENT
                                                                                                           RATED.
        NAME OF AIRPORT - MERRIMACK HELI
        DEPARTURE POINT               INTENDED DESTINATION
          MERRIMACK,NH                  MAYNARD,MA
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                               TAKEOFF  INITIAL CLIMB
          COLLISION WITH GROUND/WATER  CONTROLLED                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  FUEL CONTROL
          MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
        FACTOR(S)
          TERRAIN - OTHER
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- HELICOPTER CRASHED IN POND NR HELIPORT.PC LINE FAILED AT FUEL CONTROL.


3-3018  3/30/79    COLTS NECK,NJ        CESSNA 172            CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 47, 130
        TIME - 1730                      N9297H                PX-  0  0  2  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 3 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - COLTS NECK
        DEPARTURE POINT               INTENDED DESTINATION
          COLTS NECK,NJ                 LOCAL
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          HARD LANDING                                                LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-3017  7/19/79    WOODBINE,NJ          PIPER PA-32           CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 49, 1041
        TIME - 1155                      N267R8                PX-  0  0  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 452 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WOODBINE MUNI
        DEPARTURE POINT               INTENDED DESTINATION
          CAPE MAY,NJ                   CROSS KEYES,NJ
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLIDED WITH  DITCHES                                      TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          PERSONNEL - AIRPORT SUPERVISORY PERSONNEL  FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK OBSTRUCTION
          AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS  HIDDEN HAZARD
        REMARKS- DITCH ACROSS CLOSED RWY NOT VISIBLE.
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FILE    DATE          LOCATION              AIRCRAFT DATA          INJURIES       FLIGHT                                    PILOT DATA
                                                                    F  S M/N      PURPOSE

3-3164  8/19/79  NR.PITTSTOWN,NJ            RYAN PT-22             CR-  0  1  0  NONCOMMERCIAL                  PRIVATE, AGE 44, 2100
        TIME - 1738                         N99994                 PX-  1  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, UNK/NR IN
                                            DAMAGE-SUBSTANTIAL                                                  TYPE, NOT INSTRUMENT
                                                                                                                RATED.
        NAME OF AIRPORT - ALEXANDRIA
        DEPARTURE POINT              INTENDED DESTINATION
         PITTSTOWN,NJ                 LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
         STALL                                                          TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        FACTOR(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          POWERPLANT - COOLING SYSTEM  COWLING
          MISCELLANEOUS ACTS,CONDITIONS - LOOSE,PART/FITTING


3-3016  9/2/79      BRIDGEPORT,NJ           TEENY 2                CR-  0  0  1  MISCELLANEOUS                  PRIVATE, AGE 39, 3250
        TIME - 1530                         N6773                  PX-  0  0  0  TEST                           TOTAL HOURS, 0 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - BRIDGEPORT
        DEPARTURE POINT              INTENDED DESTINATION
          BRIDGEPORT,NJ               LOCAL
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                       TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
          TERRAIN - HIGH OBSTRUCTIONS
        REMARKS- UNAUTHORIZED USE OF AIRCRAFT.


3-3254  2/9/79   NR.FARMINGTON,NM           CESSNA 150             CR-  0  0  1  COMMERCIAL                     COMMERCIAL, AGE 44, 1433
        TIME - 1510                         N3363J                 PX-  0  0  0  POWER/PIPELINE                 TOTAL HOURS, 474 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - FARMINGTON
        DEPARTURE POINT              INTENDED DESTINATION
         ANETH,UT                     FARMINGTON,NM
        TYPE OF ACCIDENT                                              PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                  IN FLIGHT  NORMAL CRUISE
         GEAR COLLAPSED                                                 LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
          TERRAIN - ROUGH/UNEVEN
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3257	4/6/79 TIME - 1940	GALLUP,NM	PIPER PA-28 N5428F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 24, 91 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — INTENDED DESTINATION
DENVER,CO — GALLUP,NM
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH WIRES/POLES

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - INATTENTIVE TO FUEL SUPPLY
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3258	7/7/79 TIME - 0845	NR.ALBUQUERQUE,NM	CESSNA 172 N5117F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 25, 79 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ALBUQUERQUE INTL.
DEPARTURE POINT — INTENDED DESTINATION
ALBUQUERQUE,NM — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
NOSE OVER/DOWN

PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3259	7/26/79 TIME - 1453	CLAYTON,CO	BELLANCA DGCBC N5033E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 45, 35 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CLAYTON
DEPARTURE POINT — INTENDED DESTINATION
CLAYTON,CO — LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED

PHASE OF OPERATION
LANDING ROLL
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

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FILE    DATE          LOCATION            AIRCRAFT DATA         INJURIES       FLIGHT                                      PILOT DATA
                                                                 F  S M/N       PURPOSE
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3-3251  8/8/79   NR.CROWN POINT,NM      CESSNA 152            CR-  0  1  0  INSTRUCTIONAL                     STUDENT, AGE 23, 48 TOTAL
        TIME - 1400                     N68705                PX-  0  0  0  SOLO                              HOURS, 40 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                                    INSTRUMENT RATED.
        NAME OF AIRPORT - CROWN POINT (BIA)
        DEPARTURE POINT              INTENDED DESTINATION          LAST ENROUTE STOP
          GALLUP,NM                    GALLUP,NM                     FARMINGTON,NM
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          STALL  MUSH                                                LANDING  GO-AROUND

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
          PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
        FACTOR(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
        EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
                                    LOW ON FUEL


3-3269  8/22/79  NR.ARCH,NM             PIPER PA-36           CR-  0  0  1  COMMERCIAL                        COMMERCIAL, AGE 59, 9999
        TIME - 1630                     N82671                PX-  0  0  0  ASSOC CROP CTL ACTIVITY           TOTAL HOURS, 300 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                                    INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          ARCH,NM                      LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  RETURN TO STRIP
          GEAR COLLAPSED                                             LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          POWERPLANT - POWERPLANT-INSTRUMENTS  FUEL QUANTITY GAUGE
          MISCELLANEOUS ACTS,CONDITIONS - ERRATIC
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 6000                         KIND OF OPERATION - DUSTING CROPS
          KIND OF CROP - CORN                                        TYPE OF CHEMICAL USED - DRY CHEMICAL-TOXIC
          GLOVES - USED                                              GOGGLES - NOT USED
          CRASH HELMET - AVAILABLE USED                              COCKPIT CRASHPAD - INSTALLED
          CRASH BAR - INSTALLED                                      TANK/HOPPER-LOCATION - FORWARD OF PILOT
          TERRAIN-TYPE - LEVEL,FLAT                                  ELEVATION-AREA BEING TREATED-FEET -  4000
          SWATH RUN-HOW FLOWN - CROSSWIND
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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES       FLIGHT                              PILOT DATA
                                                                  F  S M/N     PURPOSE

3-3271  8/23/79    TRUTH OR CONS,NM     PIPER PA-24          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, FL.INSTR.,
        TIME - 1020                     N8451P               PX-  0  0  3  PLEASURE/PERSONAL TRANSP   AGE 29, 1018 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                            15 IN TYPE, INSTRUMENT
                                                                                                      RATED.
        NAME OF AIRPORT - TRUTH OR CONS
        DEPARTURE POINT             INTENDED DESTINATION
          TRUTH OR CONS,NM            LOCAL
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          GEAR RETRACTED                                          LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR


3-3270  9/6/79     GALLUP,NM            PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 47, 166
        TIME - 1418                     N8007N               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - SENATOR CLARK
        DEPARTURE POINT             INTENDED DESTINATION
          GALLUP,NM                   GAGE,OK
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          STALL  MUSH                                             TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS-
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3252	9/7/79 TIME - 1620	DULCE,NM	GRUM AMER AA-5A N26349 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 35, 90 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - DULCE
DEPARTURE POINT
  ALBUQUERQUE,NM
INTENDED DESTINATION
  DULCE,NM
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING GO-AROUND

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
FACTOR(S)
  WEATHER - HIGH DENSITY ALTITUDE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  CLEAR
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND VELOCITY-KNOTS
  CALM
TYPE OF FLIGHT PLAN
  VFR
CEILING AT ACCIDENT SITE
  UNLIMITED
PRECIPITATION AT ACCIDENT SITE
  NONE
RELATIVE BEARING OF WIND
  CALM
TYPE OF WEATHER CONDITIONS
  VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3002	9/14/79 TIME - 1030	ALBUQUERQUE,NM	CESSNA 175 N7173M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 49, 1200 TOTAL HOURS, 573 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ALBUQUERQUE INTL
DEPARTURE POINT
  ALBUQUERQUE,NM
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  PROPELLER/JET/ROTOR BLAST
PHASE OF OPERATION
  TAXI TO TAKEOFF

PROBABLE CAUSE(S)
  PILOT IN COMMAND - EXERCISED POOR JUDGMENT
  MISCELLANEOUS - PROP/JET/ROTOR BLAST
FACTOR(S)
  PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT
REMARKS- ACFT WAS CLEARED TO TAXI BEHIND DEPARTING HEAVY TWIN AND WAS FLIPPED OVER.WIND GUSTS TO 34KTS.

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FILE   DATE          LOCATION              AIRCRAFT DATA         INJURIES      FLIGHT                           PILOT DATA
                                                                 F  S M/N      PURPOSE

3-3253 10/12/79   FARMINGTON,NM         PIPER PA-12          CR-  0  0  1  NONCOMMERCIAL                 PRIVATE, AGE 46, 835
       TIME - 1823                      N7897H               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 100 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         FARMINGTON,NM                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                                LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
         PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND
         MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION
       REMARKS- ABORTED LDG ON ROAD,ONCOMING CAR.


3-3003 10/13/79 NR.ALBUQUERQUE,NM       GRUM AMER AA-1C      CR-  0  0  2  INSTRUCTIONAL                 COMMERCIAL, FL.INSTR.,
       TIME - 0907                      N9529U               PX-  0  0  0  DUAL                          AGE 34, 2000 TOTAL HOURS,
                                        DAMAGE-SUBSTANTIAL                                            200 IN TYPE, INSTRUMENT
                                                                                                      RATED.
       NAME OF AIRPORT - CORANADO
       DEPARTURE POINT                INTENDED DESTINATION
        ALBUQUERQUE,NM                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - IGNITION SYSTEM  SPARK PLUG
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- 4 SPARK PLUGS FOUND LEAD FOULED AND 1 PLUG FOUND OIL FOULED.AC 72HRS FROM LAST 100HR INSPECTION.


3-3219 10/21/79   ALAMOGORDO,NM         PIPER PA-28          CR-  0  0  1  NONCOMMERCIAL                 ATP,FLIGHT INSTR., AGE
       TIME - 1705                      N6229W               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  33, 1700 TOTAL HOURS, 70
                                        DAMAGE-SUBSTANTIAL                                            IN TYPE, INSTRUMENT
                                                                                                      RATED.
       NAME OF AIRPORT - ALAMOGORDO MUNI
       DEPARTURE POINT                INTENDED DESTINATION
         ALAMOGORDO,NM                  LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                             TAKEOFF  INITIAL CLIMB
         NOSE OVER/DOWN                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - FUEL SYSTEM  CARBURETOR
         MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
       REMARKS- PIECE OF RUBBER FROM LND LIGHT LODGED IN CARB THROAT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3090	10/31/79 TIME - 1315	HOBBS,NM	CESSNA 150L N6908G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE UNK/NR, 3500 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LEA COUNTY
DEPARTURE POINT — HOBBS,NM
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING ROLL

PROBABLE CAUSE(S)
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - ENGINE STRUCTURE OTHER
MISCELLANEOUS ACTS,CONDITIONS - EXCESSIVE-WEAR/PLAY
POWERPLANT - ENGINE STRUCTURE MASTER AND CONNECTING RODS
MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- REAR CAM SHAFT BEARING WORN BEYOND LIMITS ALLOWING OIL LEAK(INSIDE ENG)& NO OIL PRES TO CRNKSHFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3250	11/10/79 TIME - 1530	RUIDOSO,NM	PIPER PA-23 N5998Y DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	STUDENT, AGE 54, 913 TOTAL HOURS, 44 IN TYPE, INSTRUMENT RATED.

CLASSIFIED AS INCIDENT
NAME OF AIRPORT - RUIDOSO MUNICIPAL
DEPARTURE POINT — DENVER,CO
INTENDED DESTINATION — EL PASO,TX
LAST ENROUTE STOP — RUIDOSO,NM
TYPE OF ACCIDENT
OVERSHOOT
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                           PILOT DATA
                                                             F  S M/N     PURPOSE

3-3157 6/18/79   FLUSHING,NY          PIPER PA-28          CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 28, 193
       TIME - 0142                    N9283C               PX-  2  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 163 IN TYPE,
                                      DAMAGE-DESTROYED                                                INSTRUMENT RATED.
       NAME OF AIRPORT - LAGUARDIA
       DEPARTURE POINT              INTENDED DESTINATION
         FLUSHING,NY                  ATLANTIC CITY,NJ
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED                 IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS
         PILOT IN COMMAND - SPATIAL DISORIENTATION
       FACTOR(S)
         PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
         WEATHER - LOW CEILING
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
       WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         OVERCAST                                                  500
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         5 OR OVER(UNLIMITED)                                      NONE
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TYPE OF WEATHER CONDITIONS
         NONE                                                      IFR
       TYPE OF FLIGHT PLAN
         IFR


3-3220 8/16/79    ISLIP,NY            CESSNA 152           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 34, 186
       TIME - 1951                    N216DV               PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 58 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                              NOT INSTRUMENT RATED.
       NAME OF AIRPORT - MACARTHUR
       DEPARTURE POINT              INTENDED DESTINATION
         ISLIP,NY                     LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
         GEAR COLLAPSED                                            LANDING  ROLL

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)
         AIRFRAME - LANDING GEAR  NOSEWHEEL ASSEMBLIES
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
       REMARKS- STEERING ROD TUBE EXTENDED INTO CLEVIS END & LOCKED AGAINST BEARING ROD END.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3022	8/21/79 TIME - 2130	SCHROON LAKE,NY	CESSNA 172M N29391 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 57, 544 TOTAL HOURS, 384 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SCHROON LAKE
DEPARTURE POINT — SCHROON LAKE,NY
INTENDED DESTINATION — FARMINGDALE,NY
TYPE OF ACCIDENT — STALL
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT
AIRFRAME - FUSELAGE SEATS
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED
FACTOR(S)
PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
REMARKS- PLT RPTD SEAT SLID AFT DRG CLB OUT.FLAPS FOUND IN FULL DWN PSN.SWITCH NEUTRAL.PLT SELECTED 10 DEG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3155	9/2/79 TIME - 1210	FISHERS ISLAND,NY	PIPER PA-28 N6945C DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 346 TOTAL HOURS, 333 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ELIZABETH
DEPARTURE POINT — FISHERS ISLAND,NY
INTENDED DESTINATION — FISHERS ISLAND,NY
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH DIRT BANK
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
FACTOR(S)
WEATHER - RAIN
TERRAIN - HIGH OBSTRUCTIONS

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
NONE

CEILING AT ACCIDENT SITE
2300
PRECIPITATION AT ACCIDENT SITE
RAIN
TYPE OF WEATHER CONDITIONS
VFR

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3156	9/3/79 TIME - 1500	WARWICK,NY	CESSNA 152 N7332B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 47 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WARWICK
DEPARTURE POINT
WARWICK,NY
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3023	9/15/79 TIME - 1800	SOUTHOLD,NY	CESSNA U206 N60574 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 30, 1425 TOTAL HOURS, 230 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
GREENPORT,NY
INTENDED DESTINATION
SOUTHOLD,NY
TYPE OF ACCIDENT
OVERSHOOT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
TERRAIN - SANDY
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - UNKNOWN/NOT REPORTED
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND VELOCITY-KNOTS
18
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
315
TYPE OF WEATHER CONDITIONS
VFR
REMARKS- RAN UP ON BEACH.FLOATS DUG IN.ACFT TURNED INVERTED.WIND GUSTING 22K.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3020	9/22/79 TIME - 1530	NEWCOMB,NY	ENSTROM F-28A N222LP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 38, 106 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
NORTHFIELD,NH
INTENDED DESTINATION
LACONIA,NH
LAST ENROUTE STOP
NEWCOMB,NY
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT OTHER
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
REMARKS- NR 4 INTAKE VALVE STEM BKN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3021	10/14/79 TIME - 1153	BOONEVILLE,NY	CESSNA 185 N1678R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 2500 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BOONVILLE
DEPARTURE POINT
OGDENSBURG,NY
INTENDED DESTINATION
HIGHLAND,NY
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
GEAR COLLAPSED
PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE INDUCTION
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
WEATHER FORECAST - UNKNOWN/NOT REPORTED
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
SCATTERED
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
SNOW SHOWERS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
34
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
VFR
REMARKS- PLT STATED INDUCTION AIR ICING PROBLEM.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3005	8/21/79 TIME - 2235	HICKORY,NC	PIPER PA-32 N44522 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 26, 4438 TOTAL HOURS, 86 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HICKORY MUNICIPAL
DEPARTURE POINT — CHARLOTTE,NC
INTENDED DESTINATION — HICKORY,NC
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH RUNWAY OR APPROACH LIGHTS
PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — 12000
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — DRIZZLE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — HAZE
TEMPERATURE-F — 73
WIND DIRECTION-DEGREES — 80
WIND VELOCITY-KNOTS — 4
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — IFR
REMARKS- COLLIDED W APCH LGT TWRS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3006	9/16/79 TIME - 1642	NR.LINVILLE,NC	PIPER PA-23 N9046J DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 47, 4000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
GREENSBORO,NC

INTENDED DESTINATION
MOUNTAIN CITY,TN

TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER CONTROLLED

PHASE OF OPERATION
IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE

FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG

SKY CONDITION
OBSCURATION

CEILING AT ACCIDENT SITE
0

VISIBILITY AT ACCIDENT SITE
ZERO

PRECIPITATION AT ACCIDENT SITE
NONE

OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG

TYPE OF WEATHER CONDITIONS
IFR

TYPE OF FLIGHT PLAN
NONE

REMARKS- MOUNTAIN SHROUDED WITH FOG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3004	10/2/79 TIME - 0628	MOORESVILLE,NC	PIPER PA-23 N12JW DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL.INSTR., AGE 56, 14000 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MILLER
DEPARTURE POINT
  MOORESVILLE,NC
INTENDED DESTINATION
  CHARLESTON,SC
LAST ENROUTE STOP
  CHARLOTTE,NC
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
  PILOT IN COMMAND - IMPROPER IFR OPERATION
  WEATHER - LOW CEILING
  WEATHER - FOG
  MISCELLANEOUS ACTS,CONDITIONS - INCORRECT TRIM SETTING
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
  OBSCURATION
CEILING AT ACCIDENT SITE
  0
VISIBILITY AT ACCIDENT SITE
  1/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  FOG
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  NONE
FIRE AFTER IMPACT
REMARKS- BRIEF RUNUP.DEP FM UNLIGHTED GRASS RWY AT NIGHT.INADEQUATE GYRO WARMUP.IFR FLT PLAN NOT ACTIVATED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3221	9/4/79 TIME - 1918	BARBERTON,OH	AVION FALCN 2 N63AV DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 48, 17 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
AKRON,OH
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH DITCHES
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
FACTOR(S)
TERRAIN - ROUGH/UNEVEN
WEATHER - UNFAVORABLE WIND CONDITIONS

SKY CONDITION
CLEAR
CEILING AT ACCIDENT SITE
UNLIMITED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
HAZE
WIND DIRECTION-DEGREES
360
WIND VELOCITY-KNOTS
7
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3222	9/10/79 TIME - 1810	CINCINNATI,OH	BEECH A36 N936V DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 920 TOTAL HOURS, 410 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - BLUE ASH
DEPARTURE POINT
CINCINNATI,OH
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH AUTOMOBILE
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE CRANKSHAFT
MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3223	10/20/79 TIME - 1900	WARREN,OH	CESSNA 172 N2442L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 309 TOTAL HOURS, 186 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WARREN
DEPARTURE POINT
CLEVELAND,OH
INTENDED DESTINATION
WARREN,OH
TYPE OF ACCIDENT
NOSE OVER/DOWN
PHASE OF OPERATION
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
REMARKS- PLT ELECTED TO LAND W/O RWY LIGHTS ON,LNDD ON TAXIWAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3224	10/29/79 TIME - 1330	ZANESVILLE,OH	CESSNA 172N N1956F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 39, 26 TOTAL HOURS, 5 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - ZANESVILLE MUNI
DEPARTURE POINT
ZANESVILLE,OH
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
HARD LANDING
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER LEVEL OFF
PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3175	11/16/79 TIME - 1145	DAYTON,OH	BELL 47G5 N2271W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 35, 6850 TOTAL HOURS, 225 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MORAINE AIRPARK
DEPARTURE POINT
DAYTON,OH
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE TAIL ROTOR
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
TAKEOFF VERTICAL
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- PLT STATED AFT ENTERING EFFECTIVE TRANSLATIONAL LIFT HE HEARD CRACK,ACFT BEGAN TO VIBRATE & SPIN.

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FILE    DATE          LOCATION         AIRCRAFT DATA       INJURIES        FLIGHT                          PILOT DATA
                                                           F  S M/N       PURPOSE

3-3266  11/25/79   DELTA,OH            BEECH V35B          CR-  1  0  0  NONCOMMERCIAL              PRIVATE, AGE 67, 9000
        TIME - 1942                    N3949A              PX-  2  0  0  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 4750 IN
                                       DAMAGE-DESTROYED                                             TYPE, INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          GAINESVILLE,FL              OTTAWA,OH
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                 LANDING  MISSED APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FACTOR(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
          WEATHER - LOW CEILING
          WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
        WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

        SKY CONDITION                                             CEILING AT ACCIDENT SITE
          OVERCAST                                                  100
        VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
          1/2 MILE OR LESS                                          RAIN
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TEMPERATURE-F
          FOG                                                       45
        WIND DIRECTION-DEGREES                                    WIND VELOCITY-KNOTS
          70                                                        11
        TYPE OF WEATHER CONDITIONS                                TYPE OF FLIGHT PLAN
          IFR                                                       IFR
        FIRE AFTER IMPACT
        REMARKS- PRIOR TO CRASH,CONTROLLER WARNED-ACFT DESCENDING.PLT REPLIED-CLIMBING W SICK PAX.WND GSTG 23KTS.


3-3225  11/27/79   HILLSBORO,OH        CESSNA 172N         CR-  0  0  1  INSTRUCTIONAL              STUDENT, AGE 28, 70 TOTAL
        TIME - 1415                    N7330J              PX-  0  0  0  SOLO                       HOURS, 17 IN TYPE, NOT
                                       DAMAGE-SUBSTANTIAL                                           INSTRUMENT RATED.
        NAME OF AIRPORT - HIGHLAND COUNTY
        DEPARTURE POINT             INTENDED DESTINATION
          LANCASTER,OH                HILLSBORO,OH
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER LEVEL OFF
          PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3226	11/29/79 TIME - 2315	BATAVIA,OH	PIPER PA-32 N15588 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	INSTRUCTIONAL DUAL	ATP,FLIGHT INSTR., AGE 39, 2140 TOTAL HOURS, 37 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - CLERMONT COUNTY
DEPARTURE POINT: BATAVIA,OH
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH OBJECT
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION: OVERCAST
CEILING AT ACCIDENT SITE: 3000
VISIBILITY AT ACCIDENT SITE: 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE: RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE: NONE
TYPE OF WEATHER CONDITIONS: VFR
TYPE OF FLIGHT PLAN: VFR
REMARKS- AIRCRAFT STRUCK GUARD RAIL DURING EMERGENCY LANDING ON HIGHWAY.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3255	7/10/79 TIME - 1745	CLINTON,OK	PIPER PA-25 N9582P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 25, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: CLINTON,OK
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT PULLUP FROM SWATH RUN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS

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FILE   DATE         LOCATION              AIRCRAFT DATA         INJURIES       FLIGHT                                   PILOT DATA
                                                                 F  S M/N      PURPOSE

3-3031 12/7/79   WELLSTON,OK            BEECH J35             CR-  0  0  1  NONCOMMERCIAL               COMMERCIAL, AGE 22, 649
       TIME - 1500                      N3018C                PX-  0  0  0  PLEASURE/PERSONAL TRANSP    TOTAL HOURS, 346 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       DEPARTURE POINT                INTENDED DESTINATION
         OKLAHOMA CITY,OK               TULSA,OK
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         PROPELLER/ROTOR FAILURE   PROPELLER                        IN FLIGHT  NORMAL CRUISE
         COLLIDED WITH  OBJECT                                      LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - PROPELLER AND ACCESSORIES  GOVERNORS
         MISCELLANEOUS ACTS,CONDITIONS - SCORED
         MISCELLANEOUS ACTS,CONDITIONS - RPM-UNCONTROLLABLE-OVERSPEED
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PROP GOV PILOT VALVE SHAFT SCORED.PLT SHUT ENG DOWN AFTR OVERSPEED.HIT ROAD SIGN.


3-3032 12/8/79    GUYMON,OK             PIPER PA-38           CR-  0  0  1  INSTRUCTIONAL               STUDENT, AGE 33, 38 TOTAL
       TIME - 1430                      N4387E                PX-  0  0  0  SOLO                        HOURS, 33 IN TYPE, NOT
                                        DAMAGE-SUBSTANTIAL                                             INSTRUMENT RATED.
       NAME OF AIRPORT - GUYMON MUNI
       DEPARTURE POINT                INTENDED DESTINATION          LAST ENROUTE STOP
         GUYMON,OK                      RETURN                        ROUND ROBIN
       TYPE OF ACCIDENT                                             PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                                LANDING  TRAFFIC PATTERN-CIRCLING
         COLLIDED WITH  FENCE,FENCEPOSTS                              LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - BECAME LOST/DISORIENTED
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - MISMANAGEMENT OF FUEL
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- PLT STATED-LOST TIME DUE TO DISORIENTATION & HEAD WND.ELECTED TO CONTINUE TO DESTN(FAMILIAR FLD).
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FILE    DATE        LOCATION             AIRCRAFT DATA          INJURIES     FLIGHT                          PILOT DATA
                                                                F  S M/N     PURPOSE

3-3095  7/25/79  NR.BAY CITY,OR          HUGHES 369D         CR- 0  0  1   COMMERCIAL                     COMMERCIAL, FL.INSTR.,
        TIME - 1730                      N58184              PX- 0  0  0   CTR CARGO-D                    AGE 34, 2136 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                               910 IN TYPE, NOT INSTRU-
                                                                                                          MENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         BAY CITY,OR                      LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  NORMAL CRUISE
          ROLL OVER                                                  LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  FUEL CONTROL
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- LND STEEP DOWNSLOPE.


3-3096  8/16/79  NR.HERMISTON,OR         AERO COMDR S-2R     CR- 0  1  0   COMMERCIAL                     ATP,FLIGHT INSTR., AGE
        TIME - 1030                      N4945X              PX- 0  0  0   ASSOC CROP CTL ACTIVITY        33, 9902 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                               1500 IN TYPE, INSTRUMENT
                                                                                                          RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         HERMISTON,OR                     LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  EN ROUTE TO TREAT CROP
          NOSE OVER/DOWN                                             LANDING  ROLL

        PROBABLE CAUSE(S)
          POWERPLANT - ENGINE STRUCTURE  VALVE ASSEMBLIES
          MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
        FACTOR(S)
          TERRAIN - WET,SOFT GROUND
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

        SPECIAL DATA
          TOTAL HOURS IN CROP CONTROL - 1500                       KIND OF OPERATION - SPRAYING CROPS
          KIND OF CROP - POTATOES                                  TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC
          PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED                 GLOVES - USED
          GOGGLES - USED                                           CRASH HELMET - AVAILABLE USED
          COCKPIT CRASHPAD - INSTALLED                             CRASH BAR - INSTALLED
          TANK/HOPPER-LOCATION - FORWARD OF PILOT                  TERRAIN-TYPE - LEVEL,FLAT
          ELEVATION-AREA BEING TREATED-FEET -  635                 SWATH RUN-HOW FLOWN - WIND CALM
        REMARKS- NR 7 INTAKE VALVE FAILED.
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FILE   DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                           PILOT DATA
                                                                 F  S M/N     PURPOSE

3-3163 8/18/79  NR.HEPPNER.OR          PIPER PA-18          CR-  0  0  1  NONCOMMERCIAL              COMMERCIAL, AGE 35, 1032
       TIME - 1330                     N37657               PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 492 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        HEPPNER,OR                     LOCAL
       TYPE OF ACCIDENT                                           PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  DESCENDING
         STALL                                                      LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - FUEL SYSTEM  CARBURETOR
         MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
         MISCELLANEOUS ACTS,CONDITIONS - ENGINE LOADED UP
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
       FACTOR(S)
         TERRAIN - ROUGH/UNEVEN
       PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- CARB SET TOO RICH. PLT LET DOWN AT LOW PWR,CARB HEAT ON.


3-3071 9/14/79  NR.KLAMATH FALLS,OR    DOUGLAS DC-7C        CR-  2  0  0  NONCOMMERCIAL              COMMERCIAL, AGE 59, 8200
       TIME - 2047                     N4SW                 PX- 10  0  0  CORP/EXEC                  TOTAL HOURS, 475 IN TYPE,
                                         DAMAGE-DESTROYED                                            INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION          LAST ENROUTE STOP
         REDMOND,OR                    MEDDFRD,OR                    KLAMATH FALLS,OR
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLIDED WITH  TREES                                        IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
         PILOT IN COMMAND - MISJUDGED ALTITUDE
       FIRE AFTER IMPACT
       REMARKS- HIT TREES AT CREST OF MOUNTAIN RIDGE ALONG FLIGHT PATH.


3-3295 10/12/79 NR.KLAMATH FALLS,OR    CESSNA TU206         CR-  0  0  1  MISCELLANEOUS              PRIVATE, AGE 27, 1115
       TIME - 1645                     N12040               PX-  0  0  0  TEST                       TOTAL HOURS, 620 IN TYPE,
                                         DAMAGE-SUBSTANTIAL                                          NOT INSTRUMENT RATED.
       DEPARTURE POINT               INTENDED DESTINATION
        KLAMATH FALLS,OR               LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                               IN FLIGHT  NORMAL CRUISE
         NOSE OVER/DOWN                                              LANDING  ROLL

       PROBABLE CAUSE(S)
         POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
         POWERPLANT - FUEL SYSTEM  PUMPS
         MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED
       FACTOR(S)
         TERRAIN - WET,SOFT GROUND
       COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
       EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
       REMARKS- UN TO RESTART ENG.ELEC FUEL PUMP CONTROL SWITCH(PN 629703-8)INOP.FORCED LNDG IN FLD W SOFT SOIL.
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best copy available

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3025	10/20/79 TIME - 0830	BROOKINGS,OR	CESSNA 310 N4591L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 383 TOTAL HOURS, 122 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BROOKINGS
DEPARTURE POINT — MEDFORD,OR
INTENDED DESTINATION — BROOKINGS,OR
TYPE OF ACCIDENT
  OVERSHOOT
  COLLIDED WITH DIRT BANK
PHASE OF OPERATION
  LANDING LEVEL OFF/TOUCHDOWN
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED
  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY
  WEATHER - UNFAVORABLE WIND CONDITIONS
  MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND
  MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY
  MISCELLANEOUS ACTS,CONDITIONS - RAN OFF END OF RUNWAY
WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONEL. BY PHONE
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
  UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
  3 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
WIND DIRECTION-DEGREES
  180
TYPE OF WEATHER CONDITIONS
  VFR
CEILING AT ACCIDENT SITE
  1500
PRECIPITATION AT ACCIDENT SITE
  RAIN
RELATIVE BEARING OF WIND
  LEFT QUARTERING TAIL WIND 203-247 DEGREES
WIND VELOCITY-KNOTS
  25
TYPE OF FLIGHT PLAN
  NONE
REMARKS- WND GUSTING 50KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3097	10/24/79 TIME - 1650	TROUTDALE,OR	PIPER PA-38 N2340D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 42, 3292 TOTAL HOURS, 17 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - TROUTDALE
DEPARTURE POINT — TROUTDALE,OR
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH FENCE,FENCEPOSTS
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING ROLL

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
REMARKS- RAN INTO BOUNDARY FENCE.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3098	12/17/79 TIME - 1208	NR.MILL CITY,OR	AEROSPATLE SA315B N55963 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	AIRLINE TRANSPORT, AGE 39, 5495 TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
MILL CITY,OR
INTENDED DESTINATION
LOCAL
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
PHASE OF OPERATION
IN FLIGHT HOVERING

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
PILOT IN COMMAND - MISJUDGED CLEARANCE
FACTOR(S)
PERSONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN

SPECIAL DATA
TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED
KIND OF CROP - FOREST-TREES
PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED
GOGGLES - NOT USED
COCKPIT CRASHPAD - NOT INSTALLED
TANK/HOPPER-LOCATION - SLING LOADED
KIND OF OPERATION - FERTILIZING (DUST)
TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC
GLOVES - NOT USED
CRASH HELMET - AVAILABLE USED
CRASH BAR - NOT INSTALLED
REMARKS- M/R BLADES HIT TRACTOR BUCKET DURING FERTILIZER BUCKET REPAIR OPNS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3099	12/25/79 TIME - 1904	HOOD RIVER,OR	CESSNA 177RG N21850 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 1270 TOTAL HOURS, 955 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - HOOD RIVER
DEPARTURE POINT
EUGENE,OR
INTENDED DESTINATION
THE DALLES,OR
TYPE OF ACCIDENT
COLLIDED WITH SNOWBANK
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING ROLL

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
FACTOR(S)
WEATHER - FOG
MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION
OBSCURATION
VISIBILITY AT ACCIDENT SITE
ZERO
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
TEMPERATURE-F
33
TYPE OF FLIGHT PLAN
NONE
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
CALM
TYPE OF WEATHER CONDITIONS
BELOW MINIMUMS
REMARKS- LND IN SNOW BANK BESIDE RWY IN FOG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3153	7/15/79 TIME - 1010	NR.BLNG SPRINGS.PA	PIPER PA-28 N2216G DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 59, 7800 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
TOWANDA.PA
TYPE OF ACCIDENT
COLLIDED WITH TREES

INTENDED DESTINATION
GETTYSBURG.PA

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - FOG
TERRAIN - HIGH OBSTRUCTIONS
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
2 MILES OR LESS
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
FOG
WIND DIRECTION-DEGREES
50
TYPE OF WEATHER CONDITIONS
IFR
FIRE AFTER IMPACT

CEILING AT ACCIDENT SITE
500
PRECIPITATION AT ACCIDENT SITE
NONE
TEMPERATURE-F
73
WIND VELOCITY-KNOTS
4
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3151	8/19/79 TIME - 1833	KUNKLETOWN.PA	CESSNA 152 N49080 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 37, 33 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
SLATINGTON.PA
TYPE OF ACCIDENT
STALL

INTENDED DESTINATION
LOCAL

PHASE OF OPERATION
IN FLIGHT OTHER

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3169	9/5/79 TIME - 1440	NO.WHITEHALL,PA	PIPER PA-28 N6275W DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 282 TOTAL HOURS, 21 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ALLENTOWN
DEPARTURE POINT — BUFFALO,NY
INTENDED DESTINATION — ALLENTOWN,PA
TYPE OF ACCIDENT — COLLIDED WITH TREES
PHASE OF OPERATION — IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS

SKY CONDITION — OVERCAST
CEILING AT ACCIDENT SITE — 2300
VISIBILITY AT ACCIDENT SITE — UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE — RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
TEMPERATURE-F — 78
WIND DIRECTION-DEGREES — 140
WIND VELOCITY-KNOTS — 6
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3152	9/9/79 TIME - 1420	HANOVER,PA	BELLANCA 17-30A N102CB DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 26, 978 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DEVENER
DEPARTURE POINT — HANOVER,PA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION — IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS,CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
REMARKS- PLT PERFORMING AEROBATIC MANEUVER IN NML CATEGORY ACFT.DSCNDD AT LOW ALT FM INVERTED PSN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3154	11/26/79 TIME - 0113	SPRINGBROOK,PA	CESSNA U206G N732HT DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 40, 3500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - WILKES BARRE
DEPARTURE POINT
LAWTANA,FL
INTENDED DESTINATION
WILKES BARRE,PA
LAST ENROUTE STOP
RALEIGH,MC
TYPE OF ACCIDENT
COLLIDED WITH TREES
PHASE OF OPERATION
IN FLIGHT DESCENDING

PROBABLE CAUSE(S)
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
FACTOR(S)
WEATHER - LOW CEILING
WEATHER - RAIN

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
1800
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
RAIN
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
65
WIND DIRECTION-DEGREES
160
WIND VELOCITY-KNOTS
12
TYPE OF WEATHER CONDITIONS
VFR
TYPE OF FLIGHT PLAN
NONE
FIRE AFTER IMPACT
REMARKS- WINDS GUSTING 20 KTS.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3111	9/20/79 TIME - 1950	HARTSVILLE,SC	PIPER PA-28 N5137S DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 11000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HARTSVILLE
DEPARTURE POINT
SHELBYVILLE,KY
INTENDED DESTINATION
HARTSVILLE,SC
TYPE OF ACCIDENT
UNDERSHOOT
COLLIDED WITH TREES
PHASE OF OPERATION
LANDING FINAL APPROACH
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3103	9/28/79 TIME - 1131	SUMTER,SC	BEECH D18S N6468 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 55, 4690 TOTAL HOURS, 1567 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SHAW AFB
DEPARTURE POINT: SUMTER,SC
INTENDED DESTINATION: COLUMBIA,SC
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  GEAR COLLAPSED
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  TAKEOFF ABORTED

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
  PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT
FIRE AFTER IMPACT
REMARKS- PLT ABORTED TKEOFF AFTER LIFTOFF FOL MOMENTARY POWER INTERRUPTION ON ONE ENG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3227	11/2/79 TIME - 1112	GREENVILLE,SC	PIPER PA-31 N66893 DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 2 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 60, 18000 TOTAL HOURS, 4 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GREENVILLE DWNTWN
DEPARTURE POINT: GREENVILLE,SC
INTENDED DESTINATION: COLUMBIA,SC
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH WIRES/POLES
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
FACTOR(S)
  PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
  TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- ENG MALF BFR BEST CLIMB SPEED.HIT PWR LINE DRG TURN BACK TO ARPT.SEVERAL A/D'S NCW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3265	11/18/79 TIME - 1600	BISHOPVILLE,SC	ERCO 415-C N99484 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 1965 TOTAL HOURS, 1310 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  BISHOPVILLE,SC
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
FACTOR(S)
  PILOT IN COMMAND - PHYSICAL IMPAIRMENT
  MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
  TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
FIRE AFTER IMPACT
REMARKS- BLOOD ETHANOL LEVEL .091%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3228	11/19/79 TIME - 0610	NR.MCCORMICK,SC	DOUGLAS C-54D N8060C DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	MISCELLANEOUS OTHER	ATP,FLIGHT INSTR., AGE 56, 24200 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - PRIVATE
DEPARTURE POINT
  UNKNOWN/NOT REPORTED
INTENDED DESTINATION
  UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
  COLLIDED WITH TREES
PHASE OF OPERATION
  LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,ALTITUDE OR CLEARANCE
FACTOR(S)
  WEATHER - FOG
  MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
  OBSCURATION
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  GROUND FOG
TYPE OF FLIGHT PLAN
  NONE
CEILING AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
  NONE
TYPE OF WEATHER CONDITIONS
  BELOW MINIMUMS
FIRE AFTER IMPACT
REMARKS- COLLIDED W TREES ON RISING TRRN NR SOD STRIP AT DAYBREAK.15000LBS MARIJUANA ABD.

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FILE   DATE          LOCATION          AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                              F  S M/N    PURPOSE

3-3118 7/6/79   NR.MADISON.SD          CESSNA 120          CR-  1  0  0  NONCOMMERCIAL                STUDENT, AGE 35, 90 TOTAL
       TIME - 1645                     N2777N              PX-  0  0  0  PLEASURE/PERSONAL TRANSP     HOURS, ALL IN TYPE, NOT
                                       DAMAGE-DESTROYED                                               INSTRUMENT RATED.
       NAME OF AIRPORT - MADISON MUNICIPAL
       DEPARTURE POINT              INTENDED DESTINATION
        MADISON.SD                    LOCAL
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                  IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - MISJUDGED ALTITUDE
       FIRE AFTER IMPACT


3-3048 12/1/79    EUREKA.SD            GRUMMAN AA-5A       CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 25, 233
       TIME - 0945                     N26289              PX-  0  0  2  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 32 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - EUREKA MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         EUREKA.SD                    SISSETON.SD
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         COLLIDED WITH  WIRES/POLES                               TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
       FACTOR(S)
         TERRAIN - HIGH OBSTRUCTIONS
         MISCELLANEOUS ACTS.CONDITIONS - SUNGLARE
       REMARKS- TURNED LEFT AFTER TKOF & COLLIDED W WIRES RUNNING PARALLEL TO RWY FROM PWR LINES AT END OF RWY.


3-3047 12/9/79    TEA.SD               BEECH A23           CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 21, 307
       TIME - 2200                     N3580R              PX-  0  0  1  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 47 IN TYPE,
                                       DAMAGE-SUBSTANTIAL                                             NOT INSTRUMENT RATED.
       NAME OF AIRPORT - GREAT PLAINS MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         HECTOR.MN                    TEA.SD
       TYPE OF ACCIDENT                                         PHASE OF OPERATION
         HARD LANDING                                             LANDING  LEVEL OFF/TOUCHDOWN
         GEAR COLLAPSED                                           LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
       FACTOR(S)
         MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE
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FILE    DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                              PILOT DATA
                                                                 F  S M/N     PURPOSE

3-3049  12/22/79   CHANCELLOR,SD        RAVEN RX-7          CR-  0  1  0  NONCOMMERCIAL                 COMMERCIAL, AGE 54, 250
        TIME - 0900                     N2910R              PX-  0  0  2  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, ALL IN TYPE,
                                        DAMAGE-NONE                                                      NOT INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION
          TEA,SD                       CHANCELLOR,SD
        TYPE OF ACCIDENT                                        PHASE OF OPERATION
          MISCELLANEOUS                                           LANDING  OTHER

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
        FACTOR(S)
          TERRAIN - ROUGH/UNEVEN
        REMARKS- DRG LNDG.GONDOLA ROLLED AS WND PULLED BALLOON OVR UNEVEN TRRN.


3-3013  10/4/79    PIKEVILLE,TN         MOONEY M20J         CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 56, 646
        TIME - 1102                     N201YY              PX-  1  0  0  BUSINESS                      TOTAL HOURS, 171 IN TYPE,
                                        DAMAGE-DESTROYED                                                 INSTRUMENT RATED.
        DEPARTURE POINT              INTENDED DESTINATION           LAST ENROUTE STOP
          FT LEONARD WOOD,MO           FRANKLIN,NC                    KNOXVILLE,TN
        TYPE OF ACCIDENT                                            PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                   IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IFR OPERATION
          PILOT IN COMMAND - SPATIAL DISORIENTATION
        FACTOR(S)
          WEATHER - LOW CEILING
          WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
        WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA
        WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

        SKY CONDITION                                               CEILING AT ACCIDENT SITE
          BROKEN                                                      100
        VISIBILITY AT ACCIDENT SITE                                 PRECIPITATION AT ACCIDENT SITE
          1 MILE OR LESS                                              NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                     TEMPERATURE-F
          FOG                                                         55
        TYPE OF WEATHER CONDITIONS                                  TYPE OF FLIGHT PLAN
          IFR                                                         IFR
        REMARKS- GIVEN IFR CLRNC ENRT 19 MINUTES BEFORE ACDT.DRIFTED OFF COURSE.DSCNDD 4000FT.ARTHRITIS.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3115	9/27/79 TIME - 1745	NR.RANGER.TX	BEECH C35 N311R DAMAGE-DESTROYED	CR- 2 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - RANGER MUNI
DEPARTURE POINT: RANGER.TX
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT: STALL
PHASE OF OPERATION: IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
MISCELLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING
FIRE AFTER IMPACT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3034	10/12/79 TIME - 1950	SAN MARCOS.TX	PIPER PA-28 N5993W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 25, 86 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SAN MARCOS MUNI
DEPARTURE POINT: HOUSTON.TX
INTENDED DESTINATION: NEW BRAUNFELS.TX
TYPE OF ACCIDENT: ENGINE FAILURE OR MALFUNCTION; COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: IN FLIGHT NORMAL CRUISE; LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES
MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- NO.3 EXHAUST VALVE FAILED.COLLIDED W PWR LINE DRG FORCED LNDG AT NGT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3110	11/11/79 TIME - 1815	SUGARLAND.TX	CESSNA 172M N21479 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 150 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - HULL
DEPARTURE POINT: HOUSTON.TX
INTENDED DESTINATION: SUGARLAND.TX
TYPE OF ACCIDENT: COLLIDED WITH WIRES/POLES
PHASE OF OPERATION: IN FLIGHT LOW PASS

PROBABLE CAUSE(S)
PILOT IN COMMAND - EXERCISED POOR JUDGMENT
MISCELLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING
FACTOR(S)
PILOT IN COMMAND - PHYSICAL IMPAIRMENT
MISCELLANEOUS ACTS.CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
TERRAIN - HIGH OBSTRUCTIONS
REMARKS- COLLIDED W PWR LINES & POLE BETWEEN DESTN ARPT & PLACE OF BUSINESS.PLTS BLOOD ALCOHOL LEVEL .069%.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3117	11/17/79 TIME - 1430	NR.LILLIAN,TX	CESSNA 152 N7611B DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 23, 1200 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  ARLINGTON,TX
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL SPIN
PHASE OF OPERATION
  IN FLIGHT ACROBATICS

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
  MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
FIRE AFTER IMPACT
REMARKS- PERFORMED ACRBTS WO PARACHUTE OR APPROVAL OF ACFT OWNER/OPERATOR.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3114	11/17/79 TIME - 1130	BAY CITY,TX	SCORPION II NONE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 1 0 0	MISCELLANEOUS TEST	STUDENT, AGE 28, 6 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - BAY CITY MUNI
DEPARTURE POINT
  BAY CITY,TX
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER UNCONTROLLED
  PROPELLER/ROTOR ACCIDENT TO PERSON
PHASE OF OPERATION
  IN FLIGHT HOVERING
  IN FLIGHT HOVERING

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS
FACTOR(S)
  WEATHER - UNFAVORABLE WIND CONDITIONS
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN

SKY CONDITION
  BROKEN
CEILING AT ACCIDENT SITE
  5000
VISIBILITY AT ACCIDENT SITE
  5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
  NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  NONE
TEMPERATURE-F
  72
WIND DIRECTION-DEGREES
  140
WIND VELOCITY-KNOTS
  11
TYPE OF WEATHER CONDITIONS
  VFR
TYPE OF FLIGHT PLAN
  NONE
REMARKS- UNREG EXP HELICOPTER.PLT CLEARED TO TAXI/HOVER.M/R BLADE STRUCK BYSTANDER.

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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES      FLIGHT                            PILOT DATA
                                                                F  S M/N    PURPOSE

3-3033  11/17/79   FORT STOCKTON,TX     CESSNA 150          CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 24, 154
        TIME - 2300                     N6383K              PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 127 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PECOS CO MUNI
        DEPARTURE POINT               INTENDED DESTINATION
          MIDLAND,TX                    FORT STOCKTON,TX
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                            LANDING  FINAL APPROACH
          COLLIDED WITH  OBJECT                                    LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PILOT IN COMMAND - MISMANAGEMENT OF FUEL
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          TERRAIN - HIGH VEGETATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- COLLIDED W MESQUITE BUSHES DRG FORCED LNDG.


3-3116  11/18/79   EL PASO,TX           CESSNA 210          CR-  0  0  1  NONCOMMERCIAL              CERTIFICATE UNKNOWN, AGE
        TIME - 1725                     N7322R              PX-  1  0  1  PLEASURE/PERSONAL TRANSP  50, 1123 TOTAL HOURS,
                                        DAMAGE-MINOR                                                 1050 IN TYPE, INSTRUMENT
                                                                                                     RATED.
        NAME OF AIRPORT - EL PASO INTL
        DEPARTURE POINT               INTENDED DESTINATION
          A BAR A RANCH,TX              EL PASO,TX
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          PROPELLER/ROTOR ACCIDENT TO PERSON                       STATIC  IDLING ENGINE(S)

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PASSENGER
        REMARKS- TAXIED TO HANGER.STOPPED AIRCRAFT WITH ENGINE RUNNING.PAX EXITED TO OPEN DOOR,FAILED TO SEE PROP.


3-3244  11/26/79 NR.POST OAK,TX         MITSUBISHI MU-2B    CR-  1  0  0  NONCOMMERCIAL              AIRLINE TRANSPORT, AGE
        TIME - 0555                     N234MA              PX-  0  0  0  BUSINESS                  39, 11274 TOTAL HOURS,
                                        DAMAGE-DESTROYED                                             1045 IN TYPE, INSTRUMENT
                                                                                                     RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          JACKSON,MS                    ARDMORE,OK
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                IN FLIGHT  UNCONTROLLED DESCENT

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - PHYSICAL IMPAIRMENT
          MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - PILOT FATIGUE
        REMARKS- BLOOD ALCOHOL LVL-170MG PERCENT.NO SLEEP IN 48HRS.CRASHED ON AUTO-PLT HDG.HYPERACTIVE DOG ABD.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3113	12/15/79 TIME - 0005	NR.SONORA,TX	PIPER PA-28 N57329 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 25, 30 TOTAL HOURS, 23 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
PLANO,TX
INTENDED DESTINATION
SONORA,TX
TYPE OF ACCIDENT
COLLISION WITH GROUND/WATER UNCONTROLLED
PHASE OF OPERATION
IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
PILOT IN COMMAND - SPATIAL DISORIENTATION
FACTOR(S)
WEATHER - LOW CEILING
MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
OVERCAST
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE
DRIZZLE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TEMPERATURE-F
38
WIND DIRECTION-DEGREES
280
WIND VELOCITY-KNOTS
6
TYPE OF WEATHER CONDITIONS
IFR
TYPE OF FLIGHT PLAN
NONE
REMARKS- IP DENIED STUDENT PERMISSION FOR CROSS-COUNTRY DUE TO WX.STUDENT DEPARTED IN STOLEN ACFT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3161	12/23/79 TIME - 1700	SPEARMAN,TX	CESSNA 172 N2662U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 125 TOTAL HOURS, 70 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  FORT SUMMER,NM
INTENDED DESTINATION
  PERRYTON,TX
TYPE OF ACCIDENT
  COLLIDED WITH OBJECT
PHASE OF OPERATION
  LANDING ROLL

PROBABLE CAUSE(S)
  PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
FACTOR(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  WEATHER - LOW CEILING
  WEATHER - SNOW
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
  ADVERSE/UNFAVORABLE WEATHER

SKY CONDITION
  OVERCAST
VISIBILITY AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
  IFR
CEILING AT ACCIDENT SITE
  350
PRECIPITATION AT ACCIDENT SITE
  SNOW
WIND DIRECTION-DEGREES
  360
TYPE OF FLIGHT PLAN
  NONE
REMARKS- LNDD ON HWY,HIT SIGN.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3101	1/9/79 TIME - 1710	NR.SPANISH FORKS, UT	CESSNA 421C N5469G DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 4 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 50, 2629 TOTAL HOURS, 52 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
  PROVO,UT
INTENDED DESTINATION
  SAN FRANCISCO,CA
TYPE OF ACCIDENT
  COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION
  IN FLIGHT CLIMB TO CRUISE

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  WEATHER - LOW CEILING
  WEATHER - FOG
  WEATHER - SNOW
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
MISSING AIRCRAFT - LATER RECOVERED

SKY CONDITION
  OVERCAST
CEILING AT ACCIDENT SITE
  500
VISIBILITY AT ACCIDENT SITE
  3/4 MILE OR LESS
PRECIPITATION AT ACCIDENT SITE
  SNOW
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
  BLOWING SNOW
TYPE OF WEATHER CONDITIONS
  IFR
TYPE OF FLIGHT PLAN
  IFR
REMARKS- MTNS OBSCURED.RECOVERY DATE 1/13/79.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3262	3/4/79 TIME - 2010	FAIRFIELD,UT	ROCKWELL 114 N4804W DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 384 TOTAL HOURS, 95 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  LAS VEGAS,NV
INTENDED DESTINATION
  SALT LAKE CITY,UT
TYPE OF ACCIDENT
  AIRFRAME FAILURE IN FLIGHT
PHASE OF OPERATION
  IN FLIGHT UNCONTROLLED DESCENT

PROBABLE CAUSE(S)
  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS
  PILOT IN COMMAND - SPATIAL DISORIENTATION
  PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
  AIRFRAME - WINGS SPARS
  MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
FACTOR(S)
  MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT

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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES        FLIGHT                      PILOT DATA
                                                                F  S M/N      PURPOSE

3-3256  11/30/79 NR.PROVO,UT              AEROSPATIAL SA316B  CR-  0  0  1  MISCELLANEOUS              COMMERCIAL, AGE 36, 6920
        TIME - 1630                       N2304P              PX-  0  0  1  TEST                       TOTAL HOURS, 790 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          PROVO,UT                        LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                              IN FLIGHT  AUTOROTATIVE DESCENT
          HARD LANDING                                               LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          POWERPLANT - FUEL SYSTEM  OTHER
          MISCELLANEOUS ACTS,CONDITIONS - OPEN
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- ELECTRICAL SHORT IN TWO-THIRDS MICROSWITCH CAUSED FUEL TO BE SHUT OFF.

3-3229  12/20/79 NR.CORNICH,UT            HUGHES 269C         CR-  0  0  1  NONCOMMERCIAL              STUDENT, AGE 51, 160
        TIME - 1545                       N9581F              PX-  0  0  0  BUSINESS                   TOTAL HOURS, 106 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          CORNICH,UT                      LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ROLL OVER                                                  TAKEOFF  VERTICAL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED CLEARANCE
          PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS

3-3030  8/1/79      WEST HARTFORD,VT      ENDSTROM F28A       CR-  0  0  1  NONCOMMERCIAL              STUDENT, AGE 26, 250
        TIME - 1600                       N2590               PX-  0  0  1  PRACTICE                   TOTAL HOURS, 200 IN TYPE,
                                            DAMAGE-SUBSTANTIAL                                         NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          WHITE RIVER JCT,VT              LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          ROLL OVER                                                  LANDING  POWER-OFF AUTOROTATIVE LANDING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SIMULATED CONDITIONS
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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES       FLIGHT                      PILOT DATA
                                                                F  S M/N     PURPOSE

3-3230 9/29/79   LYNCHBURG,VA        PIPER PA-31          CR-  0  0  1  MISCELLANEOUS              AIRLINE TRANSPORT, AGE
       TIME - 1500                    N27678               PX-  0  0  0  TEST                       24, 1700 TOTAL HOURS, 500
                                      DAMAGE-SUBSTANTIAL                                            IN TYPE, INSTRUMENT
                                                                                                    RATED.
       NAME OF AIRPORT - LYNCHBURG, MUNI
       DEPARTURE POINT              INTENDED DESTINATION
         LYNCHBURG,VA                 LOCAL
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         FIRE OR EXPLOSION  IN FLIGHT                              LANDING  FINAL APPROACH

       PROBABLE CAUSE(S)
         PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
         POWERPLANT - FUEL SYSTEM  LINES AND FITTINGS
         MISCELLANEOUS ACTS,CONDITIONS - DETERIORATED
         MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE
       FIRE AFTER IMPACT
       REMARKS- MAIN FUEL SUPPLY LINE,PN 39995-34 DETERIORATED.PIPER RCMNDS RPLCEMNT AT 1000 HRS. 1599 HRS ON HOSE


3-3297 8/3/79   NR.PORT ANGELES,WA    CESSNA 172N          CR-  0  1  0  COMMERCIAL                 ATP,FLIGHT INSTR., AGE
       TIME - 0940                     N733LC              PX-  0  0  0  AIR TAXI-CARGO             33, 3096 TOTAL HOURS, 277
                                      DAMAGE-DESTROYED                                              IN TYPE, INSTRUMENT
                                                                                                    RATED.
       DEPARTURE POINT              INTENDED DESTINATION
        PORT ANGELES,WA               SEATTLE,WA
       TYPE OF ACCIDENT                                          PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  CONTROLLED                   IN FLIGHT  NORMAL CRUISE

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       FACTOR(S)
         WEATHER - FOG

       SKY CONDITION                                             CEILING AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                      UNKNOWN/NOT REPORTED
       VISIBILITY AT ACCIDENT SITE                               PRECIPITATION AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                      UNKNOWN/NOT REPORTED
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                   TYPE OF WEATHER CONDITIONS
         UNKNOWN/NOT REPORTED                                      UNKNOWN/NOT REPORTED
       TYPE OF FLIGHT PLAN
         NONE
       REMARKS- COLLIDED W MOUNTAIN AT OR NR LVL FLT.DEP & DESTN ARPTS VFR.FOG RPRTD IN AREA OF ACDNT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3263	9/27/79 TIME - 1606	BATTLE GROUND,WA	MOOTS BD-4 N17127 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 379 TOTAL HOURS, 264 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - GOHEEN
DEPARTURE POINT
BURLINGTON,WA
INTENDED DESTINATION
KELSO,WA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
HARD LANDING

PHASE OF OPERATION
LANDING TRAFFIC PATTERN-CIRCLING
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
PILOT IN COMMAND - MISMANAGEMENT OF FUEL
MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
PILOT IN COMMAND - IMPROPER LEVEL OFF
FACTOR(S)
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
WEATHER - FOG
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

SKY CONDITION
CLEAR
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
TEMPERATURE-F
65
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
UNLIMITED
PRECIPITATION AT ACCIDENT SITE
NONE
RELATIVE BEARING OF WIND
CALM
WIND VELOCITY-KNOTS
CALM
TYPE OF FLIGHT PLAN
NONE

REMARKS- FOG AT DEST,DIVERTED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3280	11/9/79 TIME - 1900	NR.MAPLE VALLEY,WA	MAULE M-5 N376X DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 343 TOTAL HOURS, 260 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - CEDAR GROVE
DEPARTURE POINT
EUGENE,OR
INTENDED DESTINATION
SEATTL ,WA
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING FINAL APPROACH

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
FACTOR(S)
PILOT IN COMMAND - BECAME LOST/DISORIENTED
TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- UNSURE OF POS ON TOP OVCST,ENG QUIT.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3267	11/13/79 TIME - 1635	LYNNWOOD,WA	PIPER PA-18 N4122F DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 51, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
  MARTHA LAKE,WA
INTENDED DESTINATION
  RETURN
LAST ENROUTE STOP
  HOQUIAM,WA
TYPE OF ACCIDENT
  ENGINE FAILURE OR MALFUNCTION
  COLLIDED WITH TREES
PHASE OF OPERATION
  IN FLIGHT NORMAL CRUISE
  LANDING FINAL APPROACH

PROBABLE CAUSE(S)
  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
  PILOT IN COMMAND - MISMANAGEMENT OF FUEL
  MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION
  MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
FACTOR(S)
  TERRAIN - HIGH OBSTRUCTIONS
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3026	11/26/79 TIME - 1315	MOSES LAKE,WA	CESSNA 150E N4098U DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 40, 316 TOTAL HOURS, 95 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - MOSES LAKE MUNI
DEPARTURE POINT
  MOSES LAKE,WA
INTENDED DESTINATION
  LOCAL
TYPE OF ACCIDENT
  STALL MUSH
PHASE OF OPERATION
  TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
  MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
FACTOR(S)
  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY
REMARKS- FROST & ROUGH ICE FOUND ON WINGS.RWY PATCHY W ICE & SNOW.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3296	12/1/79 TIME - 1230	NR.FREELAND,WA	CESSNA 152 N48129 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 165 TOTAL HOURS, 106 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - WHIDBEY ISLAND
DEPARTURE POINT — INTENDED DESTINATION
EVERETT,WA — LOCAL
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
COLLIDED WITH TREES

PHASE OF OPERATION
IN FLIGHT NORMAL CRUISE
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR
FACTOR(S)
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING
TERRAIN - HIGH OBSTRUCTIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
WEATHER BRIEFING - RECIEVED RECORDED BRIEFING BY TELEPHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

SKY CONDITION
OVERCAST
VISIBILITY AT ACCIDENT SITE
5 OR OVER(UNLIMITED)
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
NONE
WIND DIRECTION-DEGREES
130
TYPE OF WEATHER CONDITIONS
VFR

CEILING AT ACCIDENT SITE
2500
PRECIPITATION AT ACCIDENT SITE
RAIN
TEMPERATURE-F
41
WIND VELOCITY-KNOTS
5
TYPE OF FLIGHT PLAN
NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3231	12/8/79 TIME - 1659	PASCO,WA	CESSNA T210M N7320J DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 66, 3399 TOTAL HOURS, 1198 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — TWIN FALLS,ID
INTENDED DESTINATION — PASCO,WA
TYPE OF ACCIDENT — COLLISION WITH GROUND/WATER CONTROLLED
PHASE OF OPERATION — LANDING MISSED APPROACH

PROBABLE CAUSE(S)
PILOT IN COMMAND - SPATIAL DISORIENTATION
PILOT IN COMMAND - IMPROPER IFR OPERATION
FACTOR(S)
INSTRUMENTS/EQUIPMENT AND ACCESSORIES - COMMUNICATIONS AND NAVIGATION EQUIPMENT OTHER
WEATHER - LOW CEILING
WEATHER - FOG
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION — OBSCURATION
CEILING AT ACCIDENT SITE — 400
VISIBILITY AT ACCIDENT SITE — 2 MILES OR LESS
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — FOG
TEMPERATURE-F — 41
WIND VELOCITY-KNOTS — CALM
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — IFR
REMARKS- PLT STATED-ONE OF HIS RADIOS OUT OF COMMISSION.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3298	12/22/79 TIME - 1345	NR.MT.VERNON,WA	HUGHES 369D N8303F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	ATP,FLIGHT INSTR., AGE 41, 5040 TOTAL HOURS, 402 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT — MT.VERNON,WA
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT
PROPELLER/ROTOR FAILURE MAIN ROTOR
HARD LANDING
PHASE OF OPERATION
TAKEOFF VERTICAL
LANDING POWER-OFF AUTOROTATIVE LANDING

PROBABLE CAUSE(S)
ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM SPRAG SYSTEM
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
FACTOR(S)
TERRAIN - HIGH OBSTRUCTIONS
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
REMARKS- TKOF FROM SMALL CLEARING. SPRAG CLUTCH(PN 369A5364)FAILED.

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FILE    DATE          LOCATION            AIRCRAFT DATA          INJURIES      FLIGHT                             PILOT DATA
                                                                  F  S M/N      PURPOSE

3-3299  9/10/79  NR.ELKINS,WV            CESSNA 172            CR-  1  0  0  NONCOMMERCIAL                 PRIVATE, AGE 65, 2450
        TIME - 2100                      N80979                PX-  0  0  0  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 82 IN TYPE,
                                           DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
         ELKINS,WV                        HARRISBURG,VA
        TYPE OF ACCIDENT                                                 PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  UNCONTROLLED                        IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          MISCELLANEOUS - UNDETERMINED
        REMARKS- ACFT OBSERVED TO CIRCLE THREE TIMES AND THEN PITCH NOSE DOWN.


3-3232  3/9/79   NR.CLINTONVILLE,WI      BEECH G18S            CR-  0  0  1  COMMERCIAL                    STUDENT, AGE 37, 2000
        TIME - 2300                      N847U                 PX-  0  0  0  AIR TAXI-CARGO                TOTAL HOURS, INSTRUMENT
                                           DAMAGE-SUBSTANTIAL                                                RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          MILWAUKEE,WI                    CLINTONVILLE,WI
        TYPE OF ACCIDENT                                                 PHASE OF OPERATION
          AIRFRAME FAILURE  IN FLIGHT                                      LANDING  FINAL APPROACH

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
          PERSONNEL - MAINTENANCE,SERVICING,INSPECTION  INADEQUATE MAINTENANCE AND INSPECTION
        FACTOR(S)
          AIRFRAME - FUSELAGE  DOORS,DOOR FRAMES
          SYSTEMS - ELECTRICAL SYSTEM  SWITCHES
          MISCELLANEOUS ACTS,CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT
        REMARKS- AFT CARGO DOOR OPENED.DOOR-OPEN WARNING LITE SWITCH INOP.


3-3233  4/22/79    PARK FALLS,WI         PIPER PA-23           CR-  0  1  0  NONCOMMERCIAL                 PRIVATE, AGE 56, 552
        TIME - 1700                      N4073P                PX-  0  1  1  PLEASURE/PERSONAL TRANSP      TOTAL HOURS, 195 IN TYPE,
                                           DAMAGE-DESTROYED                                                  NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PARK FALLS MUNI
        DEPARTURE POINT                 INTENDED DESTINATION
          PARK FALLS,WI                   LA CROSSE,WI
        TYPE OF ACCIDENT                                                 PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                    TAKEOFF  INITIAL CLIMB
          COLLIDED WITH  TREES                                             LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND
          TERRAIN - HIGH OBSTRUCTIONS
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
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FILE    DATE          LOCATION             AIRCRAFT DATA          INJURIES      FLIGHT                         PILOT DATA
                                                                   F  S  M/N    PURPOSE

3-3185  6/3/79      WILMOT,WI             CESSNA 185P            CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 44, 134
        TIME - 0930                       N4662K                 PX-  0  0  3  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, 49 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WESTOSHA
        DEPARTURE POINT              INTENDED DESTINATION
          WAUKEGAN,IL                  WILMOT,WI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          OVERSHOOT                                                 LANDING  LEVEL OFF/TOUCHDOWN
          COLLIDED WITH  FENCE,FENCEPOSTS                           LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED


3-3234  6/27/79     MIDDLETON,WI          CESSNA 180             CR-  0  0  1  NONCOMMERCIAL                COMMERCIAL, AGE 31, 1406
        TIME - 1430                       N169N                  PX-  0  0  0  PRACTICE                     TOTAL HOURS, 6 IN TYPE,
                                          DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - MOREY
        DEPARTURE POINT              INTENDED DESTINATION
          MIDDLETON,WI                 LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  LEVEL OFF/TOUCHDOWN
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-3183  7/21/79     APPLETON,WI           BEECH 23               CR-  0  0  1  NONCOMMERCIAL                PRIVATE, AGE 26, 61 TOTAL
        TIME - 1200                       N2373W                 PX-  0  0  2  PLEASURE/PERSONAL TRANSP     HOURS, 2 IN TYPE, NOT
                                          DAMAGE-SUBSTANTIAL                                                INSTRUMENT RATED.
        NAME OF AIRPORT - OUTAGAMIE
        DEPARTURE POINT              INTENDED DESTINATION
          APPLETON,WI                  LOCAL
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          COLLIDED WITH  PARKED AIRCRAFT                            TAXI  TO TAKEOFF

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT
        REMARKS- CESSNA 150,N8954U,SUBSTANTIALLY DAMAGED.
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FILE    DATE          LOCATION            AIRCRAFT DATA       INJURIES     FLIGHT                           PILOT DATA
                                                               F  S M/N    PURPOSE

3-3235  7/2?/79    OSKHOSH,WI         BAKENG DUCE         CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 42, 1300
        TIME - 1100                   N9659A              PX-  0  0  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 8 IN TYPE,
                                      DAMAGE-SUBSTANTIAL                                           NOT INSTRUMENT RATED.
        NAME OF AIRPORT - WITTMAN
        DEPARTURE POINT             INTENDED DESTINATION
          MICHIGAN CITY,IN            OSKHOSH,WI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          GROUND-WATER LOOP-SWERVE                                  LANDING  ROLL
          GEAR COLLAPSED                                            LANDING  ROLL

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE


3-3087  7/29/79    SPRING GREEN,WI    PIPER PA-32         CR-  1  0  0  NONCOMMERCIAL              COMMERCIAL, AGE 55, 1154
        TIME - 1450                   N20995              PX-  0  1  1  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 173 IN TYPE,
                                      DAMAGE-DESTROYED                                             NOT INSTRUMENT RATED.
        DEPARTURE POINT             INTENDED DESTINATION
          MADISON,WI                  VIROQUA,WI
        TYPE OF ACCIDENT                                          PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                             IN FLIGHT  NORMAL CRUISE
          HARD LANDING                                              LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PERSONNEL - PRODUCTION-DESIGN-PERSONNEL  OTHER
          POWERPLANT - FUEL SYSTEM  FUEL INJECTION SYSTEM
          MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
          MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION
          PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND
        REMARKS- REGULATOR STEM NUT,BENDIX P/N 2539449,BACKED OFF.BLACK GREASE LIKE SUB FOUND ON STEM & NUT.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3236	8/4/79 TIME - 2045	LAKEWOOD,WI	PIPER PA-32 N47420 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 25, 346 TOTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - LAKEWOOD
DEPARTURE POINT — GREENBAY,WI
INTENDED DESTINATION — LAKEWOOD,WI
TYPE OF ACCIDENT — COLLIDED WITH DITCHES
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND
FACTOR(S)
MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA
WEATHER - FOG
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN
WEATHER FORECAST - UNKNOWN/NOT REPORTED

SKY CONDITION — CLEAR
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — ZERO
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — GROUND FOG
TYPE OF WEATHER CONDITIONS — IFR
TYPE OF FLIGHT PLAN — NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3184	8/7/79 TIME - 2000	PLATTEVILLE,WI	CESSNA 182P N74000 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	MISCELLANEOUS TEST	COMMERCIAL, AGE 49, 1273 TOTAL HOURS, 850 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - GRANT COUNTY
DEPARTURE POINT — PLATTEVILLE,WI
INTENDED DESTINATION — LOCAL
TYPE OF ACCIDENT — COLLIDED WITH CROP
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
REMARKS- TKOF FROM RAMP & TAXIWAY.

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FILE     DATE          LOCATION             AIRCRAFT DATA        INJURIES     FLIGHT                                PILOT DATA
                                                                  F  S M/N    PURPOSE

3-3149  9/2/79     BLOOMFIELD TWP.WI     PIPER PA-39          CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 54, 1333
        TIME - 1604                      N8859Y               PX-  1  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 291 IN TYPE,
                                         DAMAGE-DESTROYED     OT-  0  0  2                            INSTRUMENT RATED.
        NAME OF AIRPORT - PLAYBOY
        DEPARTURE POINT                INTENDED DESTINATION
          GARY,IN                        LAKE GENEVA, WI
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                  IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT

        SPECIAL DATA
          SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
          CONTROLLING AGENCY - NO CONTROL                        RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
          TRAFFIC ADVISORY ISSUED - NONE                         CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
          CONTROL ZONE/AREA - NO                                 CONVERGENCE ANGLE-DEGREES -  30
          HORIZONTAL COLLISION ANGLE-DEGREES -   60              VERTICAL COLLISION ANGLE-DEGREES -  0
          EVASIVE ACTION TAKEN - NO                              ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN


3-3149  9/2/79     BLOOMFIELD TWP.WI     PIPER PA-24          CR-  0  0  1  NONCOMMERCIAL               PRIVATE, AGE 50, 529
        TIME - 1604                      N6051P               PX-  0  0  1  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 230 IN TYPE,
                                         DAMAGE-SUBSTANTIAL   OT-  2  0  0                            NOT INSTRUMENT RATED.
        NAME OF AIRPORT - PLAYBOY
        DEPARTURE POINT                INTENDED DESTINATION
          GARY,IN                        LAKE GENEVA,WI
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          COLLISION WITH AIRCRAFT  BOTH IN FLIGHT                  IN FLIGHT  NORMAL CRUISE

        PROBABLE CAUSE(S)
          PERSONNEL - MISCELLANEOUS-PERSONNEL  PILOT OF OTHER AIRCRAFT
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE

        SPECIAL DATA
          SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.
          CONTROLLING AGENCY - NO CONTROL                        RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT
          TRAFFIC ADVISORY ISSUED - NONE                         CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT
          CONTROL ZONE/AREA - NO                                 CONVERGENCE ANGLE-DEGREES -  90
          HORIZONTAL COLLISION ANGLE-DEGREES -   60              VERTICAL COLLISION ANGLE-DEGREES -  0
          EVASIVE ACTION TAKEN - NO                              ANTI-COLLISION LIGHTS - NOT OPERATING


3-3237  9/2/79     JANESVILLE,WI          TOM STORY WD-6       CR-  1  0  0  NONCOMMERCIAL               PRIVATE, AGE 27, 100
        TIME - 1510                        N274WD              PX-  1  0  0  PLEASURE/PERSONAL TRANSP  TOTAL HOURS, 12 IN TYPE,
                                           DAMAGE-DESTROYED                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT                 INTENDED DESTINATION
          JANESVILLE,WI                   LOCAL
        TYPE OF ACCIDENT                                         PHASE OF OPERATION
          STALL  SPIRAL                                            TAKEOFF  INITIAL CLIMB

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
        REMARKS- AMPHIBIAN,WOOD DUCK.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3238	9/9/79 TIME - 1526	MENOMONIE,WI	PIPER PA-24 N6837P DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 35, 897 TOTAL HOURS, 6 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - SKYPORT
DEPARTURE POINT — EAU CLAIRE,WI
INTENDED DESTINATION — EAU CLAIRE,WI
TYPE OF ACCIDENT — STALL MUSH
PHASE OF OPERATION — TAKEOFF INITIAL CLIMB

PROBABLE CAUSE(S)
PILOT IN COMMAND - PREMATURE LIFT-OFF
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - FAILED TO ABORT TAKEOFF

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3300	9/17/79 TIME - 1745	NR.SUPERIOR,WI	PIPER PA-28 N2109N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 53, 183 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT — ST.PAUL,MN
INTENDED DESTINATION — SUPERIOR,WI
TYPE OF ACCIDENT — COLLIDED WITH CROP
PHASE OF OPERATION — LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS
FACTOR(S)
WEATHER - UNFAVORABLE WIND CONDITIONS
TERRAIN - HIGH VEGETATION
WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT
LOW ON FUEL

SKY CONDITION — SCATTERED
CEILING AT ACCIDENT SITE — UNLIMITED
VISIBILITY AT ACCIDENT SITE — 5 OR OVER(UNLIMITED)
PRECIPITATION AT ACCIDENT SITE — NONE
OBSTRUCTIONS TO VISION AT ACCIDENT SITE — NONE
WIND DIRECTION-DEGREES — 260
WIND VELOCITY-KNOTS — 15
TYPE OF WEATHER CONDITIONS — VFR
TYPE OF FLIGHT PLAN — NONE
REMARKS- WIND GUSTING 23K.STUDENTS CERT EXPIRED.

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FILE   DATE          LOCATION              AIRCRAFT DATA        INJURIES       FLIGHT                                 PILOT DATA
                                                                F  S M/N       PURPOSE

3-3150 9/23/79    PORCUPINE,WI           CESSNA 150          CR-  1  0  0  NONCOMMERCIAL                  PRIVATE, AGE 62, 212
       TIME - 1730                       N7853E              PX-  1  0  0  PLEASURE/PERSONAL TRANSP       TOTAL HOURS, 124 IN TYPE.
                                         DAMAGE-DESTROYED                                                 NOT INSTRUMENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         EAU CLAIR,WI                    DICKENS,IA
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         COLLISION WITH GROUND/WATER  UNCONTROLLED                   IN FLIGHT  UNCONTROLLED DESCENT

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       REMARKS- PATHOLOGIST STATED-P.T HAD MOD CALCIFIC AORTIC STENOSIS.COULD CAUSE BLACKOUT.


3-3239 9/28/79    RIO,WI                 CESSNA 152          CR-  0  0  2  INSTRUCTIONAL                  COMMERCIAL, FL.INSTR.,
       TIME - 1447                       N714SY              PX-  0  0  0  DUAL                           AGE 22, 2731 TOTAL HOURS,
                                         DAMAGE-SUBSTANTIAL                                               1203 IN TYPE, INSTRUMENT
                                                                                                          RATED.
       NAME OF AIRPORT - COWGILL
       DEPARTURE POINT                 INTENDED DESTINATION
         RIO,WI                          MADIOSON,WI
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         STALL                                                       TAKEOFF  INITIAL CLIMB

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED


3-3240 9/30/79    WATERTOWN,WI           FLY-BABY 1-A        CR-  1  0  0  NONCOMMERCIAL                  ATP,FLIGHT INSTR., AGE
       TIME - 1500                       N6518               PX-  0  0  0  PLEASURE/PERSONAL TRANSP       39, 7308 TOTAL HOURS,
                                         DAMAGE-DESTROYED                                                 UNK/NR IN TYPE, INSTRU-
                                                                                                          MENT RATED.
       DEPARTURE POINT                 INTENDED DESTINATION
         WATERTOWN,WI                    LOCAL
       TYPE OF ACCIDENT                                            PHASE OF OPERATION
         AIRFRAME FAILURE  IN FLIGHT                                 IN FLIGHT  ACROBATICS

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT
       FACTOR(S)
         PILOT IN COMMAND - PHYSICAL IMPAIRMENT
         MISCELLANEOUS ACTS,CONDITIONS - ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT
         AIRFRAME - WINGS  SPARS
         MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT
       REMARKS- PLT BLOOD ALCOHOL LEVEL .06%.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3241	11/11/79 TIME - 1128	OMRO,WI	CESSNA 150M N45718 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 55 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - OMRO DROP ZONE
DEPARTURE POINT: LONE ROCK,WI
INTENDED DESTINATION: OMRO,WI
TYPE OF ACCIDENT
- UNDERSHOOT
- COLLIDED WITH WIRES/POLES

PHASE OF OPERATION
- LANDING FINAL APPROACH
- LANDING FINAL APPROACH

PROBABLE CAUSE(S)
- PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE
- PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED

FACTOR(S)
- TERRAIN - HIGH OBSTRUCTIONS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3186	11/24/79 TIME - 1130	PORTAGE,WI	CESSNA 172 N1468V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 160 TOTAL HOURS, 64 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - PORTAGE MUNI
DEPARTURE POINT: PORTAGE,WI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
- UNDERSHOOT
- NOSE OVER/DOWN

PHASE OF OPERATION
- LANDING FINAL APPROACH
- LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
- PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3182	11/29/79 TIME - 1612	MADISON,WI	CESSNA 152 N714WL DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 25, 507 TOTAL HOURS, 163 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - DANE COUNTY
DEPARTURE POINT: MADISON,WI
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
- ENGINE FAILURE OR MALFUNCTION
- COLLIDED WITH DITCHES

PHASE OF OPERATION
- TAKEOFF INITIAL CLIMB
- LANDING ROLL

PROBABLE CAUSE(S)
- PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING
- MISCELLANEOUS ACTS,CONDITIONS - WATER IN FUEL
- MISCELLANEOUS ACTS,CONDITIONS - ICE-IN FUEL

FACTOR(S)
- MISCELLANEOUS ACTS,CONDITIONS - TOUCH AND GO LANDING

COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.

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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                              PILOT DATA
                                                                F  S M/N     PURPOSE

3-3245  5/4/79   NR.CENTENNIAL,WY       CESSNA 172           CR-  1  0  0  MISCELLANEOUS              COMMERCIAL, AGE 43, 1097
        TIME - 1205                     N3047V               PX-  1  1  0  SEARCH AND RESCUE          TOTAL HOURS, 199 IN TYPE,
                                        DAMAGE-DESTROYED                                              INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          LARAMIE,WY                    LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLIDED WITH  TREES                                       IN FLIGHT  LOW PASS

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
          PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE
        FACTOR(S)
          WEATHER - DOWNDRAFT,UPDRAFTS
          WEATHER - HIGH DENSITY ALTITUDE

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          CLEAR                                                      UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TYPE OF WEATHER CONDITIONS
          NONE                                                       VFR
        TYPE OF FLIGHT PLAN
          VFR
        REMARKS- D/A APRX 12700FT.


3-3260  6/17/79  NR.WAMSUTTER,WY        CESSNA 182           CR-  0  0  1  NONCOMMERCIAL              PRIVATE, AGE 42, 940
        TIME - 1530                     N7462S               PX-  0  0  3  PLEASURE/PERSONAL TRANSP   TOTAL HOURS, 700 IN TYPE,
                                        DAMAGE-SUBSTANTIAL                                            NOT INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          WAMSUTTER,WY                  LOCAL
        TYPE OF ACCIDENT                                           PHASE OF OPERATION
          COLLISION WITH GROUND/WATER  CONTROLLED                    IN FLIGHT  BUZZING

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - EXERCISED POOR JUDGMENT
          MISCELLANEOUS ACTS,CONDITIONS - UNWARRANTED LOW FLYING
        FACTOR(S)
          WEATHER - DOWNDRAFT,UPDRAFTS

        SKY CONDITION                                              CEILING AT ACCIDENT SITE
          CLEAR                                                      UNLIMITED
        VISIBILITY AT ACCIDENT SITE                                PRECIPITATION AT ACCIDENT SITE
          5 OR OVER(UNLIMITED)                                       NONE
        OBSTRUCTIONS TO VISION AT ACCIDENT SITE                    TYPE OF WEATHER CONDITIONS
          NONE                                                       VFR
        TYPE OF FLIGHT PLAN
          NONE
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3268	9/22/79 TIME - 1005	JACKSON,WY	BELLANCA 8GCBC N5052W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	INSTRUCTIONAL DUAL	PRIVATE, AGE 21, 66 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - JACKSON HOLE
DEPARTURE POINT: JACKSON,WY
INTENDED DESTINATION: LOCAL
TYPE OF ACCIDENT
GROUND-WATER LOOP-SWERVE
GEAR COLLAPSED
PHASE OF OPERATION
LANDING LEVEL OFF/TOUCHDOWN
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC.
MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE
REMARKS- U-BOLT RT GEAR FAILED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3102	5/31/79 TIME - UNK/NR	MISSING AIRCRAFT	CESSNA 182 N618WC DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 1600 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT: BIRMINGHAM,AL
INTENDED DESTINATION: MOCKSVILLE,NC
LAST ENROUTE STOP: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- ACFT DMG & INJURY INDEX PRESUMED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3168	7/15/79 TIME - UNK/NR	MISSING AIRCRAFT	CESSNA 310 N181D DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 59, 6000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT: LEWISTON,ME
INTENDED DESTINATION: NASHUA,NH
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- ACFT DAMAGE & INJURY INDEX PRESUMED.

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FILE   DATE          LOCATION            AIRCRAFT DATA        INJURIES      FLIGHT                          PILOT DATA
                                                               F  S M/N     PURPOSE

3-3243 9/9/79     MISSING AIRCRAFT     CESSNA 182          CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 28, 185
       TIME - UNK/NR                   N2183R              PX-  2  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, UNK/NR IN
                                       DAMAGE-DESTROYED                                               TYPE, NOT INSTRUMENT
                                                                                                      RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         NEW ORLEANS,LA               PENSACOLA,FL                   PHASE OF OPERATION
       TYPE OF ACCIDENT                                                UNKNOWN/NOT REPORTED
         MISSING AIRCRAFT,NOT RECOVERED

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       REMARKS- DMG & INJURY INDEX PRESUMED.


3-3140 10/4/79    MISSING AIRCRAFT     AERO COMDR 500      CR-  1  0  0  COMMERCIAL                   COMMERCIAL, AGE 36, 623
       TIME - UNK/NR                   N3815C              PX-  0  0  0  AIR TAXI-PASSG               TOTAL HOURS, 102 IN TYPE,
                                       DAMAGE-DESTROYED                                               INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION
         ANDROS ISLAND,BAHAMA         WEST PALM BEACH,FL             PHASE OF OPERATION
       TYPE OF ACCIDENT                                                UNKNOWN/NOT REPORTED
         MISSING AIRCRAFT,NOT RECOVERED

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       FACTOR(S)
         WEATHER - THUNDERSTORM ACTIVITY
       WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED

       SKY CONDITION                                                 CEILING AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                          UNKNOWN/NOT REPORTED
       VISIBILITY AT ACCIDENT SITE                                   PRECIPITATION AT ACCIDENT SITE
         UNKNOWN/NOT REPORTED                                          UNKNOWN/NOT REPORTED
       OBSTRUCTIONS TO VISION AT ACCIDENT SITE                       TYPE OF WEATHER CONDITIONS
         UNKNOWN/NOT REPORTED                                          UNKNOWN/NOT REPORTED
       TYPE OF FLIGHT PLAN
         NONE
       REMARKS- INJURY INDEX & ACFT DMG PRESUMED.ACFT IN AREA RPTD HEAVY TSTM ACTIVITY OVER OCEAN.


3-3092 10/22/79   MISSING AIRCRAFT     BEECH C33           CR-  1  0  0  NONCOMMERCIAL                PRIVATE, AGE 47, UNK/NR
       TIME - UNK/NR                   N6023F              PX-  3  0  0  PLEASURE/PERSONAL TRANSP     TOTAL HOURS, UNK/NR IN
                                       DAMAGE-DESTROYED                                               TYPE, INSTRUMENT RATED.
       DEPARTURE POINT              INTENDED DESTINATION             LAST ENROUTE STOP
         PINEDALE,NY                  RETURN                           ROUND ROBIN
       TYPE OF ACCIDENT                                              PHASE OF OPERATION
         MISSING AIRCRAFT,NOT RECOVERED                                UNKNOWN/NOT REPORTED

       PROBABLE CAUSE(S)
         MISCELLANEOUS - UNDETERMINED
       REMARKS- INJURY INDEX & DMG PRESUMED.
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3242	10/27/79 TIME - UNK/NR	MISSING AIRCRAFT	PIPER PA-23 N13986 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS UNKNOWN/NOT REPORTED	AIRLINE TRANSPORT, AGE 41, 6000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
MONTEGO BAY,JAMAICA
INTENDED DESTINATION
NASSAU,BAHAMAS
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- AIRCRAFT DAMAGE AND INJURY INDEX PRESUMED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3112	11/19/79 TIME - UNK/NR	MISSING AIRCRAFT	BEECH D50B N1706 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 1340 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

DEPARTURE POINT
DELRAY BEACH,FL
INTENDED DESTINATION
KEY WEST,FL
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
MISCELLANEOUS - UNDETERMINED
REMARKS- ACFT DMG & INJURY INDEX PRESUMED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3167	12/11/79 TIME - UNK/NR	MISSING AIRCRAFT	PIPER PA-24 N6171P DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 1026 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.

DEPARTURE POINT
CALDWELL,ID
INTENDED DESTINATION
OLYMPIA,WA
TYPE OF ACCIDENT
MISSING AIRCRAFT,NOT RECOVERED
PHASE OF OPERATION
UNKNOWN/NOT REPORTED

PROBABLE CAUSE(S)
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING
MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE
FACTOR(S)
WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC.
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT

SKY CONDITION
UNKNOWN/NOT REPORTED
VISIBILITY AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
OBSTRUCTIONS TO VISION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF FLIGHT PLAN
IFR
CEILING AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
PRECIPITATION AT ACCIDENT SITE
UNKNOWN/NOT REPORTED
TYPE OF WEATHER CONDITIONS
IFR
REMARKS- PLT DECLARED HEAVY ICING,UN MAINTAIN ALT.RADAR CONTACT LOST.ACFT DMG & INJURY INDEX PRESUMED.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3135	8/24/79 TIME - 0731	SAN JUAN,PR	CESSNA 336 N17097 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 55, 6000 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.

NAME OF AIRPORT - ISLA GRANDE
DEPARTURE POINT: SAN JUAN,PR
INTENDED DESTINATION: VIEQUES,PR
TYPE OF ACCIDENT
ENGINE FAILURE OR MALFUNCTION
STALL
PHASE OF OPERATION
TAKEOFF INITIAL CLIMB
LANDING TRAFFIC PATTERN-CIRCLING

PROBABLE CAUSE(S)
POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED
FACTOR(S)
PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT
PERSONNEL - MAINTENANCE,SERVICING,INSPECTION INADEQUATE MAINTENANCE AND INSPECTION
POWERPLANT - PROPELLER AND ACCESSORIES GOVERNORS
MISCELLANEOUS ACTS,CONDITIONS - MISSING
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
REMARKS- REAR ENG GOV GASKET FILTER SCREEN MISSING,WATER & SLUDGE FOUND IN PROP DOME.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3136	8/25/79 TIME - 0500	SAN JUAN,PR	CONVAIR 440 N1447R DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 8000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.

NAME OF AIRPORT - SAN JUAN INTNATL
DEPARTURE POINT: UNKNOWN/NOT REPORTED
INTENDED DESTINATION: UNKNOWN/NOT REPORTED
LAST ENROUTE STOP: UNKNOWN/NOT REPORTED
TYPE OF ACCIDENT
COLLIDED WITH OBJECT
WHEELS-UP
PHASE OF OPERATION
UNKNOWN/NOT REPORTED
LANDING LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS
MISCELLANEOUS ACTS,CONDITIONS - INTENTIONAL WHEELS-UP
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.
SUSPECTED OR KNOWN AIRCRAFT DAMAGE
REMARKS- RIGHT MAIN LANDING GEAR STRUCK UNKNOWN OBJECT.

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FILE   DATE          LOCATION             AIRCRAFT DATA        INJURIES      FLIGHT                        PILOT DATA
                                                                F  S M/N     PURPOSE

3-3088 11/5/79   TAU,AMER SAMOA      DEHAVILLAND DHC-6   CR-  0  0  2  COMMERCIAL               ATP,FLIGHT INSTR., AGE
       TIME - 1703                   N23RC               PX-  0  1 15  AIR TAXI-PASSG           40, 6979 TOTAL HOURS,
                                     DAMAGE-DESTROYED                                           1073 IN TYPE, INSTRUMENT
       NAME OF AIRPORT - TAU                                                                    RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         PAGO PAGO,AMER SAMOA        TAU,AMER SAMOA
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         HARD LANDING                                           LANDING  LEVEL OFF/TOUCHDOWN
         COLLIDED WITH  TREES                                   LANDING  GO-AROUND

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - IMPROPER LEVEL OFF
         PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING
       FACTOR(S)
         COPILOT - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.
       REMARKS- COPILOT DID NOT CALL OUT LOW AIRSPEED ON FINAL.


3-3139 4/27/79  NR.GUAMTANAMO,CUBA   LOCKHEED PV-1       CR-  2  0  0  MISCELLANEOUS            COMMERCIAL, AGE 35, 2720
       TIME - 0116                   N544R               PX-  0  0  0  UNKNOWN/NOT REPORTED     TOTAL HOURS, UNK/NR IN
                                     DAMAGE-DESTROYED                                           TYPE, INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION        LAST ENROUTE STOP
         FT LAUDERDALE,FL           UNKNOWN/NOT REPORTED         UNKNOWN/NOT REPORTED
       TYPE OF ACCIDENT                                        PHASE OF OPERATION
         ENGINE FAILURE OR MALFUNCTION                           IN FLIGHT  NORMAL CRUISE
         DITCHING                                                LANDING  LEVEL OFF/TOUCHDOWN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - BECAME LOST/DISORIENTED
         MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
       FACTOR(S)
         MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       REMARKS- PLT RPTD NAV INSTRUMENTS OUT.DITCHED IN INTL WATERS 20NM S OF CUBA.DEBRIS RCVRD.INJ INDEX PRESUMED


3-3138 5/6/79   NR.JAMAICA,W. INDIES CESSNA 185          CR-  0  0  1  NONCOMMERCIAL            PRIVATE, AGE 23, 520
       TIME - 0640                   N561MC              PX-  0  0  0  PLEASURE/PERSONAL TRANSP TOTAL HOURS, 85 IN TYPE,
                                     DAMAGE-DESTROYED                                           NOT INSTRUMENT RATED.
       DEPARTURE POINT             INTENDED DESTINATION
         MONTEGO BAY,JAMAICA         GREAT INAGUA,BAHAMAS
       TYPE OF ACCIDENT                                       PHASE OF OPERATION
         COLLIDED WITH  OBJECT                                  TAKEOFF  RUN

       PROBABLE CAUSE(S)
         PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN
       FACTOR(S)
         TERRAIN - OTHER
         MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
       REMARKS- ACFT LANDED IN OPEN WATER DUE TO LOSS OF ENG PWR,PLT ATMPTED TKOF.STUCK SUBMERGED OBJECT AND SANK.
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FILE    DATE          LOCATION            AIRCRAFT DATA        INJURIES     FLIGHT                          PILOT DATA
                                                                F  S M/N    PURPOSE

3-3137  7/7/79   NR.ARUBA,ANTILLES      LOCKHEED PV-1        CR-  0  0  2  INSTRUCTIONAL                 COMMERCIAL, AGE 49, 2623
        TIME - 2100                     N721N                PX-  0  0  1  TRAINING                      TOTAL HOURS, 23 IN TYPE,
                                          DAMAGE-DESTROYED                                               INSTRUMENT RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          ATLANTA,GA                    FT LAUDERDALE,FL
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                IN FLIGHT  NORMAL CRUISE
          DITCHING                                                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          PILOT IN COMMAND - BECAME LOST/DISORIENTED
          MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
        REMARKS- PLT RPRTD ELECT FAILURE.CRASHED IN INTL WATERS 1215NM SSE OF DEST.ACFT NOT RECOVERED.


3-3165  7/19/79  NR.MARTHA'S VNYRD,MA   PIPER PA-18          CR-  0  0  1  COMMERCIAL                    PRIVATE, AGE 28, 2086
        TIME - 1315                     N811H                PX-  0  0  0  FISH SPOTTING                 TOTAL HOURS, 1900 IN
                                          DAMAGE-DESTROYED                                               TYPE, UNK/NR INSTRUMENT
                                                                                                         RATED.
        DEPARTURE POINT               INTENDED DESTINATION
          OAK BLUFFS,MA                 RETURN
        TYPE OF ACCIDENT                                             PHASE OF OPERATION
          ENGINE FAILURE OR MALFUNCTION                                IN FLIGHT  NORMAL CRUISE
          DITCHING                                                     LANDING  LEVEL OFF/TOUCHDOWN

        PROBABLE CAUSE(S)
          POWERPLANT - MISCELLANEOUS  POWERPLANT FAILURE FOR UNDETERMINED REASONS
        FACTOR(S)
          MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER
        PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE
        EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER
        REMARKS- ACFT SANK,NOT RCVRD.
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